

## Panasonic Electric Works Europe AG

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### To our customers

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### Information regarding Art. 33, Art. 67 and Annex XVII of the EC regulation no. 1907/2006 (REACH)

Dear customer,

According to Article 33(1) of regulation (EC) No 1907/2006 (REACH) "Any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1 % weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance".

The Candidate List of "substances of very high concern" (SVHC) as specified by Article 59 of REACH was published for the first time at the end of October 2008, and other substances are added regularly.

Panasonic Electric Works Europe AG is fully aware of its obligations resulting from REACH and intends to comply with the regulation in its entirety. Panasonic Electric Works has set up a system to comply with the substance restrictions of REACH and fulfill communication obligations to downstream users, providing information on the substances of all products sold by its organization.

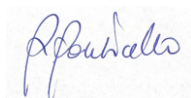
For you as a downstream user, we have placed all information at our disposal regarding our products which contain SVHCs in a concentration above 0.1% w/w, in the list attached to this letter. **For all our products which are not stated in the attached list, we believe to the best of our knowledge that they do not contain any SVHCs with a concentration above 0.1% w/w, and therefore do not need to be communicated according to Article 33.**

Delivered products and product packaging, based on our current knowledge, comply with all requirements of REACH, specifically with the restrictions set forth in Article 67 and Annex XIV & XVII.

Panasonic Electric Works AG is continuously investigating the SVHC content of its products, and if any product status would change, we will take appropriate action to comply with legal requirements.

**Please note: This information applies only to the customers of Panasonic Electric Works Europe AG, and NOT for products from other suppliers from the Panasonic Group.**

Best Regards



Raffaella Ponticello  
Corporate Governance  
Head of Environment & CSR Section

**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
ABS19115J	Subminiature-Switch; IP 67; Straight type; 110 quick-connect; SPDT; Pin plunger; 0,98N; Silver-alloy	Lead	7439-92-1
AEC11012M16	Automotive-Relay, 1-Form-A, Single side stable, Precharge, 15A	Acrylamide	79-06-1
AEC51012	Automotive-Relay, 1-Form-A, Single side stable, TM type	Lead	7439-92-1
AEC51012	Automotive-Relay, 1-Form-A, Single side stable, TM type	Acrylamide	79-06-1
AEC51012M01	Automotive-Relay, 1-Form-A, Single side stable, TM type	Lead	7439-92-1
AEC51012M01	Automotive-Relay, 1-Form-A, Single side stable, TM type	Acrylamide	79-06-1
AEC51012P02	Automotive-Relay, 1-Form-A, Single side stable, TM type	Lead	7439-92-1
AEC51012P02	Automotive-Relay, 1-Form-A, Single side stable, TM type	Acrylamide	79-06-1
AEV19012J	Automotive-Relay, 1-Form-A, Single side stable, Screw-Terminal, Contact rating: 300A	Lead	7439-92-1
AEV19024J	Automotive-Relay, 1-Form-A, Single side stable, Screw-Terminal, Contact rating: 300A	Lead	7439-92-1
AEV31012	Automotive-Relay, 1-Form-A, Single side stable, PC board type, Contact rating: 10A	Acrylamide	79-06-1
AEV31024	Automotive-Relay, 1-Form-A, Single side stable, PC board type, Contact rating: 10A	Acrylamide	79-06-1
AEV51012	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 10A	Lead	7439-92-1
AEV51012	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 10A	Acrylamide	79-06-1
AEV51024	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 10A	Lead	7439-92-1
AEV51024	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 10A	Acrylamide	79-06-1
AEV52012	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 20A	Lead	7439-92-1
AEV52012	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 20A	Acrylamide	79-06-1
AEV52012M01	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 20A	Lead	7439-92-1
AEV52012M01	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 20A	Acrylamide	79-06-1
AEV52012P03	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 20A	Lead	7439-92-1
AEV52012P03	Automotive-Relay, 1-Form-A, Single side stable, Plug-in type, Contact rating: 20A	Acrylamide	79-06-1
AEV14012	Automotive-Relay, 1-Form-A, Single side stable, Vertical, Contact rating: 200A	Acrylamide	79-06-1
AEVH10012	Automotive-Relay, 1-Form-A, Single side stable, High short circuit, Screw-Terminal, Contact rating: 100A, Vertical	Boric acid	10043-35-3
AEVH10012M06	Automotive-Relay, 1-Form-A, Single side stable, High short circuit, Screw-Terminal, Contact rating: 100A, Vertical, Short Leadwire	Lead	7439-92-1
AEVH10012M06	Automotive-Relay, 1-Form-A, Single side stable, High short circuit, Screw-Terminal, Contact rating: 100A, Vertical, Short Leadwire	Acrylamide	79-06-1
AEVH940122-SAMPLE	Automotive-Relay, 1-Form-A, Single side stable, High short circuit, Screw-Terminal, Contact rating: 150A	Boric acid	10043-35-3
AEVH940122P01	Automotive-Relay, 1-Form-A, Single side stable, High short circuit, Screw-Terminal, Contact rating: 150A	Boric acid	10043-35-3
AFP7X64D2	FP7-X64D2 Digital Input Modul 64DI (24V DC), p+n - switching, 2 x 40 pin MIL connector	Lead titanium zirconium oxide	12626-81-2
AFP7Y16T	FP7-Y16T Digital NPN Transistor Output Modul, 16DA (5-24V DC, up to 1A), 40 pin MIL connector	Lead	7439-92-1
AFP7Y64T	FP7-Y64T Digital NPN Transistor Output Modul, 64DA (5-24V DC, Y0-Y7 up to 0,3A, from Y8 up to 0,1A), 2 x 40 pin MIL connector	Lead titanium zirconium oxide	12626-81-2
AFP7Y64T	FP7-Y64T Digital NPN Transistor Output Modul, 64DA (5-24V DC, Y0-Y7 up to 0,3A, from Y8 up to 0,1A), 2 x 40 pin MIL connector	Lead	7439-92-1
AIG03MQ03DE	Touch panel GT03M-E 3.5", IP67, -20°C to + 60°C, Anti ultraviolet rays, Non-glare treatment, monochrome, 320x240 pix., RS232 + USB Mini B (prog.), 24V DC, silver frame	Boric acid	10043-35-3
AIG03MQ03DE	Touch panel GT03M-E 3.5", IP67, -20°C to + 60°C, Anti ultraviolet rays, Non-glare treatment, monochrome, 320x240 pix., RS232 + USB Mini B (prog.), 24V DC, silver frame	Lead titanium trioxide	12060-00-3
AIG03MQ03DE	Touch panel GT03M-E 3.5", IP67, -20°C to + 60°C, Anti ultraviolet rays, Non-glare treatment, monochrome, 320x240 pix., RS232 + USB Mini B (prog.), 24V DC, silver frame	N,N-dimethylacetamide (DMAC)	127-19-5
AIG03MQ03DE	Touch panel GT03M-E 3.5", IP67, -20°C to + 60°C, Anti ultraviolet rays, Non-glare treatment, monochrome, 320x240 pix., RS232 + USB Mini B (prog.), 24V DC, silver frame	Lead	7439-92-1
AIG03MQ03DE	Touch panel GT03M-E 3.5", IP67, -20°C to + 60°C, Anti ultraviolet rays, Non-glare treatment, monochrome, 320x240 pix., RS232 + USB Mini B (prog.), 24V DC, silver frame	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AIG703WMN1B2	Touch panel GT703 3.8", 64 gray scale, 480x192 pix., Ethernet + RS232 + mini-USB (prog.), 24V DC, black frame, LED backlight: white, red, pink, SD card slot	Lead	7439-92-1
AMN11111J	Passive Infrared Motion Sensor; 5m-lens, black, detection 100°/82°, VDD 3.0 to 6.0 VDC, output: digital	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
AMN11111J	Passive Infrared Motion Sensor; 5m-lens, black, detection 100°/82°, VDD 3.0 to 6.0 VDC, output: digital	Hexahydromethylphthalic anhydride	25550-51-0
AMN11111J	Passive Infrared Motion Sensor; 5m-lens, black, detection 100°/82°, VDD 3.0 to 6.0 VDC, output: digital	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
AMN11111J	Passive Infrared Motion Sensor; 5m-lens, black, detection 100°/82°, VDD 3.0 to 6.0 VDC, output: digital	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
AMN11112J	Passive Infrared Motion Sensor; 5m-lens, white detection 100°/82°, VDD 3.0 to 6.0 VDC, output: digital	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
AMN11112J	Passive Infrared Motion Sensor; 5m-lens, white detection 100°/82°, VDD 3.0 to 6.0 VDC, output: digital	Hexahydromethylphthalic anhydride	25550-51-0
AMN11112J	Passive Infrared Motion Sensor; 5m-lens, white detection 100°/82°, VDD 3.0 to 6.0 VDC, output: digital	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
AMN11112J	Passive Infrared Motion Sensor; 5m-lens, white detection 100°/82°, VDD 3.0 to 6.0 VDC, output: digital	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
AMN12111J	Passive Infrared Motion Sensor; 2m-lens, black, detection 91°/91°, VDD 3.0 to 6.0 VDC, output: digital	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
AMN12111J	Passive Infrared Motion Sensor; 2m-lens, black, detection 91°/91°, VDD 3.0 to 6.0 VDC, output: digital	Hexahydromethylphthalic anhydride	25550-51-0
AMN12111J	Passive Infrared Motion Sensor; 2m-lens, black, detection 91°/91°, VDD 3.0 to 6.0 VDC, output: digital	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
AMN12111J	Passive Infrared Motion Sensor; 2m-lens, black, detection 91°/91°, VDD 3.0 to 6.0 VDC, output: digital	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7





**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
AMN43121J	Passive Infrared Motion Sensor; 5m-lens, black, detection 38°/22°, VDD 2.2 to 3.0 VDC, output: digital	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
AMN43121J	Passive Infrared Motion Sensor; 5m-lens, black, detection 38°/22°, VDD 2.2 to 3.0 VDC, output: digital	Hexahydromethylphthalic anhydride	25550-51-0
AMN43121J	Passive Infrared Motion Sensor; 5m-lens, black, detection 38°/22°, VDD 2.2 to 3.0 VDC, output: digital	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
AMN43121J	Passive Infrared Motion Sensor; 5m-lens, black, detection 38°/22°, VDD 2.2 to 3.0 VDC, output: digital	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
AMN43122J	Passive Infrared Motion Sensor; 5m-lens, white, detection 38°/22°, VDD 2.2 to 3.0 VDC, output: digital	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
AMN43122J	Passive Infrared Motion Sensor; 5m-lens, white, detection 38°/22°, VDD 2.2 to 3.0 VDC, output: digital	Hexahydromethylphthalic anhydride	25550-51-0
AMN43122J	Passive Infrared Motion Sensor; 5m-lens, white, detection 38°/22°, VDD 2.2 to 3.0 VDC, output: digital	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
AMN43122J	Passive Infrared Motion Sensor; 5m-lens, white, detection 38°/22°, VDD 2.2 to 3.0 VDC, output: digital	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
AMN44121J	Passive Infrared Motion Sensor; 10m-lens, black, detection 110°/93°, VDD 2.2 to 3.0 VDC, output: digital	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
AMN44121J	Passive Infrared Motion Sensor; 10m-lens, black, detection 110°/93°, VDD 2.2 to 3.0 VDC, output: digital	Hexahydromethylphthalic anhydride	25550-51-0
AMN44121J	Passive Infrared Motion Sensor; 10m-lens, black, detection 110°/93°, VDD 2.2 to 3.0 VDC, output: digital	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
AMN44121J	Passive Infrared Motion Sensor; 10m-lens, black, detection 110°/93°, VDD 2.2 to 3.0 VDC, output: digital	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
AMN44122J	Passive Infrared Motion Sensor; 10m-lens, white, detection 110°/93°, VDD 2.2 to 3.0 VDC, output: digital	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
AMN44122J	Passive Infrared Motion Sensor; 10m-lens, white, detection 110°/93°, VDD 2.2 to 3.0 VDC, output: digital	Hexahydromethylphthalic anhydride	25550-51-0
AMN44122J	Passive Infrared Motion Sensor; 10m-lens, white, detection 110°/93°, VDD 2.2 to 3.0 VDC, output: digital	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
AMN44122J	Passive Infrared Motion Sensor; 10m-lens, white, detection 110°/93°, VDD 2.2 to 3.0 VDC, output: digital	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
ANPVP03	ANPVP03 Keypad 3 m	Lead	7439-92-1
AT-2301B-SAS	Film base Amorphous silicon solar	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-2400	Film base Amorphous silicon solar	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-2400B-MRL	Film base Amorphous silicon solar	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-2408B-SAS	Film base Amorphous silicon solar	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-2503B-JUH	Film base Amorphous silicon solar cell for Watch	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-2504B-JUH	PET Film base Amorphous silicon solar	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-2600B	Amorphous Silicon solar cell; watch type; film substrate; without lead wires	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-26LOB	Amorphous Silicon solar cell; watch type; film substrate; without lead wires	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-7665	Film base Amorphous silicon solar	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-7665A	Amorphous Solar Cell; outdoor; film substrate with lead wire	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-7802	Film base Amorphous silicon solar	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AT-7802A	Amorphous Solar Cell; outdoor; film substrate with lead wire	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AVE8010050	Automotive AC-Outlet, 115V, top opening type	Lead	7439-92-1
AVE8010060	Automotive AC-Outlet, 115V, side opening type	Lead	7439-92-1
CCA32NK01J	CCA H32NK01 J - Nokia Code 470290A.101 - external GPS Antenna	Lead	7439-92-1
CCA32ST01J	VIC 100- GPS Antenna standard performance; TNC-Connector; Without Mounting Base	Lead	7439-92-1
CCA32ST02J	VIC 100- GPS Antenna standard performance; TNC-Connector; With Mounting Base;	Lead	7439-92-1
CCA32ST03J	VIC 100- GPS Antenna standard performance; N-Connector; Without Mounting Base;	Lead	7439-92-1
CCA32ST04J	VIC 100- GPS Antenna standard performance; N-Connector; With Mounting Base;	Lead	7439-92-1
CCA32ST12	VIC 100- GPS Antenna with enhanced immunity to lightning surge; TNC-Connector; Mounting Base B	Lead	7439-92-1
CCA32ST13	VIC 100- GPS Antenna with enhanced immunity to lightning surge; N-Connector; Without Mounting Base	Lead	7439-92-1
CCA32ST14	VIC 100- GPS Antenna with enhanced immunity to lightning surge; N-Connector; Mounting Base B	Lead	7439-92-1
CCA32ST15	VIC 100- GPS Antenna with enhanced immunity to lightning surge; TNC-Connector; Without Mounting Base	Lead	7439-92-1
CCA32ST16	VIC 100- GPS Antenna with enhanced immunity to lightning surge; TNC-Connector; Mounting Base A	Lead	7439-92-1
CFD0115B-L50	Fiber, diffuse, FDR80, 90°, 5 mm radius	Lead	7439-92-1
CX411Z	Thru-beam, 10m, NPN, M8-connector	Lead	7439-92-1
CX-413-P-Z	Thru-beam type, 30m, PNP output, M8 connector	Lead	7439-92-1
CX421Z	Diffuse reflective type, 30cm, NPN, M8-connector	Lead	7439-92-1
CX422PZ	Diffuse reflective type, 80cm, PNP, M8-connector	Lead	7439-92-1
CX422Z	Diffuse reflective type, 80cm, NPN, M8-connector	Lead	7439-92-1
CX423PZ	Diffuse reflective type, 7 - 20cm, PNP, M8-connector	Lead	7439-92-1
CX424PZ	Diffuse reflective, 10cm, PNP, M8 connector	Lead	7439-92-1
CX441Z	Trigonometric diffuse reflective type, 2-50mm, NPN, M8-connector	Lead	7439-92-1

**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
CX442Z	Trigonometric diffuse reflective type, 2-30mm, NPN, M8-connector	Lead	7439-92-1
CX443PZ	Fixed focus reflective, 50mm, BGS FGS, PNP, M8	Lead	7439-92-1
CX481PZ	Retroreflective, 500mm, PNP, M8 connector	Lead	7439-92-1
CX481Z	Retroreflective, 500mm, NPN, M8 connector	Lead	7439-92-1
CX482PZ	Retroreflective, 2m, PNP, M8 connector	Lead	7439-92-1
CX-483-P-Z	Retroreflective (for transparent objects), 1m, PNP, M8 connector	Lead	7439-92-1
CX491PZY	retroreflective type, 3m, PNP, M8-connector (without reflector)	Lead	7439-92-1
CX493PZ	retroreflective type, 5m, PNP, M8-connector	Lead	7439-92-1
DP-001	Pressure sensor, -1 to 1bar, NPN, pressure connector M5 female thread, connector, incl. cable 2m (CN14AC2)	Lead	7439-92-1
DP-001-P	Pressure sensor, -1 to 1bar, PNP, pressure connector M5 female thread, connector, incl. cable 2m (CN14AC2)	Lead	7439-92-1
DP-002-P	Pressure sensor, 0 to 10bar, PNP, pressure connector M5 female thread, connector, incl. cable 2m (CN14AC2)	Lead	7439-92-1
DP101AM	Pressure sensor, -1 to 1bar, 1 to 5V, NPN, Pressure connector short M5 female thread, connector, cable 2m	Lead	7439-92-1
DP101M	Pressure sensor, -1 to 1bar, NPN, pressure connector short M5 female thread, connector, cable 2m	Lead	7439-92-1
DP102M	Pressure sensor, -1 to 10bar, NPN, pressure connector short M5 female thread, connector, cable 2m	Lead	7439-92-1
EKMB1100100	PaPIRs MOTION SENSOR, Lensless (1uA, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1100100	PaPIRs MOTION SENSOR, Lensless (1uA, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1100100	PaPIRs MOTION SENSOR, Lensless (1uA, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1100100	PaPIRs MOTION SENSOR, Lensless (1uA, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1101111	PaPIRs MOTION SENSOR, Standard detection type (1uA, white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1101111	PaPIRs MOTION SENSOR, Standard detection type (1uA, white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1101111	PaPIRs MOTION SENSOR, Standard detection type (1uA, white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1101111	PaPIRs MOTION SENSOR, Standard detection type (1uA, white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1101112	PaPIRs MOTION SENSOR, Standard detection type (1uA, black, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1101112	PaPIRs MOTION SENSOR, Standard detection type (1uA, black, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1101112	PaPIRs MOTION SENSOR, Standard detection type (1uA, black, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1101112	PaPIRs MOTION SENSOR, Standard detection type (1uA, black, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1101113	PaPIRs MOTION SENSOR, Standard detection type (1uA, pearl white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1101113	PaPIRs MOTION SENSOR, Standard detection type (1uA, pearl white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1101113	PaPIRs MOTION SENSOR, Standard detection type (1uA, pearl white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1101113	PaPIRs MOTION SENSOR, Standard detection type (1uA, pearl white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1103111	PaPIRs MOTION SENSOR, Long distance detection type (1uA, white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1103111	PaPIRs MOTION SENSOR, Long distance detection type (1uA, white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1103111	PaPIRs MOTION SENSOR, Long distance detection type (1uA, white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1103111	PaPIRs MOTION SENSOR, Long distance detection type (1uA, white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1103112	PaPIRs MOTION SENSOR, Long distance detection type (1uA, black, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1103112	PaPIRs MOTION SENSOR, Long distance detection type (1uA, black, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1103112	PaPIRs MOTION SENSOR, Long distance detection type (1uA, black, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1103112	PaPIRs MOTION SENSOR, Long distance detection type (1uA, black, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1103113	PaPIRs MOTION SENSOR, Long distance detection type (1µA, pearl white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1103113	PaPIRs MOTION SENSOR, Long distance detection type (1µA, pearl white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1103113	PaPIRs MOTION SENSOR, Long distance detection type (1µA, pearl white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1103113	PaPIRs MOTION SENSOR, Long distance detection type (1µA, pearl white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1104111	PaPIRs MOTION SENSOR, Wall installation type (1uA, white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1104111	PaPIRs MOTION SENSOR, Wall installation type (1uA, white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1104111	PaPIRs MOTION SENSOR, Wall installation type (1uA, white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1104111	PaPIRs MOTION SENSOR, Wall installation type (1uA, white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1104112	PaPIRs MOTION SENSOR, Wall installation type (1uA, black, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1104112	PaPIRs MOTION SENSOR, Wall installation type (1uA, black, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1104112	PaPIRs MOTION SENSOR, Wall installation type (1uA, black, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1104112	PaPIRs MOTION SENSOR, Wall installation type (1uA, black, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7













**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EKMB1372112K	PaPIRs MOTION SENSOR, special type for Kieback&Peter; WL series PE Slight Motion 2m (6uA, black digital)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1372112K	PaPIRs MOTION SENSOR, special type for Kieback&Peter; WL series PE Slight Motion 2m (6uA, black digital)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1374111K	SPECIAL TYPE - PaPIRs EKMB 6uA sensor + AMN spot detection lens (white)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1374111K	SPECIAL TYPE - PaPIRs EKMB 6uA sensor + AMN spot detection lens (white)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1374111K	SPECIAL TYPE - PaPIRs EKMB 6uA sensor + AMN spot detection lens (white)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1391111K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1391111K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1391111K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1391111K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1391112K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, black, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1391112K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, black, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1391112K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, black, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1391112K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, black, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1391113K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, pearl white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1391113K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, pearl white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1391113K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, pearl white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1391113K	PaPIRs MOTION SENSOR, Slight motion detection type (6uA, pearl white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1391211K	SPECIAL TYPE PaPIRs for Vossloh Schwabe only	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1391211K	SPECIAL TYPE PaPIRs for Vossloh Schwabe only	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1391211K	SPECIAL TYPE PaPIRs for Vossloh Schwabe only	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1391211K	SPECIAL TYPE PaPIRs for Vossloh Schwabe only	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1393111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1393111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1393111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1393111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1393112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, black, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1393112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, black, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1393112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, black, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1393112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, black, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB1393113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, pearl white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB1393113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, pearl white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB1393113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, pearl white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB1393113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (6uA, pearl white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB4300100K	PaPIRs MOTION SENSOR, Lensless (6uA, digital, high sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB4300100K	PaPIRs MOTION SENSOR, Lensless (6uA, digital, high sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB4300100K	PaPIRs MOTION SENSOR, Lensless (6uA, digital, high sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB4300100K	PaPIRs MOTION SENSOR, Lensless (6uA, digital, high sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB4301111K	PaPIRs MOTION SENSOR, Standard detection type (6uA, white, digital, high sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB4301111K	PaPIRs MOTION SENSOR, Standard detection type (6uA, white, digital, high sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB4301111K	PaPIRs MOTION SENSOR, Standard detection type (6uA, white, digital, high sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB4301111K	PaPIRs MOTION SENSOR, Standard detection type (6uA, white, digital, high sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB4301112K	PaPIRs MOTION SENSOR, Standard detection type (6uA, black, digital, high sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB4301112K	PaPIRs MOTION SENSOR, Standard detection type (6uA, black, digital, high sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB4301112K	PaPIRs MOTION SENSOR, Standard detection type (6uA, black, digital, high sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB4301112K	PaPIRs MOTION SENSOR, Standard detection type (6uA, black, digital, high sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB4301113K	PaPIRs MOTION SENSOR, Standard detection type (6uA, pearl white, digital, high sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMB4301113K	PaPIRs MOTION SENSOR, Standard detection type (6uA, pearl white, digital, high sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMB4301113K	PaPIRs MOTION SENSOR, Standard detection type (6uA, pearl white, digital, high sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMB4301113K	PaPIRs MOTION SENSOR, Standard detection type (6uA, pearl white, digital, high sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMB4303111K	PaPIRs MOTION SENSOR, Long distance detection type (6uA, white, digital, high sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1







**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EKMC1607113	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC1607113	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC1607113	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC1672111	SPECIAL TYPE PaPIRs EKMC 170uA sensor + AMN slight motion lens (white)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC1672111	SPECIAL TYPE PaPIRs EKMC 170uA sensor + AMN slight motion lens (white)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC1672111	SPECIAL TYPE PaPIRs EKMC 170uA sensor + AMN slight motion lens (white)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC1672111	SPECIAL TYPE PaPIRs EKMC 170uA sensor + AMN slight motion lens (white)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC1691111	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC1691111	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC1691111	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC1691111	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC1691112	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC1691112	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC1691112	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC1691112	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC1691113	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC1691113	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC1691113	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC1691113	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC1693111	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC1693111	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC1693111	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC1693111	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC1693112	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC1693112	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC1693112	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC1693112	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC1693113	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, digital, standard sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC1693113	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, digital, standard sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC1693113	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, digital, standard sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC1693113	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, digital, standard sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2600100K	PaPIRs MOTION SENSOR, Lensless (170uA, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2600100K	PaPIRs MOTION SENSOR, Lensless (170uA, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2600100K	PaPIRs MOTION SENSOR, Lensless (170uA, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2600100K	PaPIRs MOTION SENSOR, Lensless (170uA, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2601111K	PaPIRs MOTION SENSOR, Standard detection type (170uA, white, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2601111K	PaPIRs MOTION SENSOR, Standard detection type (170uA, white, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2601111K	PaPIRs MOTION SENSOR, Standard detection type (170uA, white, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2601111K	PaPIRs MOTION SENSOR, Standard detection type (170uA, white, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2601112K	PaPIRs MOTION SENSOR, Standard detection type (170uA, black, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2601112K	PaPIRs MOTION SENSOR, Standard detection type (170uA, black, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2601112K	PaPIRs MOTION SENSOR, Standard detection type (170uA, black, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2601112K	PaPIRs MOTION SENSOR, Standard detection type (170uA, black, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2601113K	PaPIRs MOTION SENSOR, Standard detection type (170uA, pearl white, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2601113K	PaPIRs MOTION SENSOR, Standard detection type (170uA, pearl white, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2601113K	PaPIRs MOTION SENSOR, Standard detection type (170uA, pearl white, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2601113K	PaPIRs MOTION SENSOR, Standard detection type (170uA, pearl white, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2603111K	PaPIRs MOTION SENSOR, Long distance detection type (170uA, white, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2603111K	PaPIRs MOTION SENSOR, Long distance detection type (170uA, white, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2603111K	PaPIRs MOTION SENSOR, Long distance detection type (170uA, white, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5





**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EKMC2607112K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, black, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2607112K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, black, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2607112K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, black, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2607113K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2607113K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2607113K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2607113K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2671111K	SPECIAL TYPE - PaPIRs EKMC2600100K sensor (analog, 170uA) + AMN31112 lens Standard Detection Type (white)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2671111K	SPECIAL TYPE - PaPIRs EKMC2600100K sensor (analog, 170uA) + AMN31112 lens Standard Detection Type (white)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2671111K	SPECIAL TYPE - PaPIRs EKMC2600100K sensor (analog, 170uA) + AMN31112 lens Standard Detection Type (white)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2671111K	SPECIAL TYPE - PaPIRs EKMC2600100K sensor (analog, 170uA) + AMN31112 lens Standard Detection Type (white)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2671112K	Special Type - PaPIRs EKMC2600100K sensor (analog, 170uA) + AMN31111 lens Standard detection type (black)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2671112K	Special Type - PaPIRs EKMC2600100K sensor (analog, 170uA) + AMN31111 lens Standard detection type (black)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2671112K	Special Type - PaPIRs EKMC2600100K sensor (analog, 170uA) + AMN31111 lens Standard detection type (black)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2671112K	Special Type - PaPIRs EKMC2600100K sensor (analog, 170uA) + AMN31111 lens Standard detection type (black)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2691111K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2691111K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2691111K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2691111K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2691112K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2691112K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2691112K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2691112K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2691113K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2691113K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2691113K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2691113K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2693111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2693111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2693111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2693111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2693112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2693112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2693112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2693112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC2693113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, analogue)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC2693113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, analogue)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC2693113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, analogue)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC2693113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, analogue)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC4600100K	PaPIRs MOTION SENSOR, Lensless (170uA, digital, high sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC4600100K	PaPIRs MOTION SENSOR, Lensless (170uA, digital, high sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC4600100K	PaPIRs MOTION SENSOR, Lensless (170uA, digital, high sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC4600100K	PaPIRs MOTION SENSOR, Lensless (170uA, digital, high sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC4601111K	PaPIRs MOTION SENSOR, Standard detection type (170uA, white, digital, high sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC4601111K	PaPIRs MOTION SENSOR, Standard detection type (170uA, white, digital, high sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC4601111K	PaPIRs MOTION SENSOR, Standard detection type (170uA, white, digital, high sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC4601111K	PaPIRs MOTION SENSOR, Standard detection type (170uA, white, digital, high sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC4601112K	PaPIRs MOTION SENSOR, Standard detection type (170uA, black, digital, high sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC4601112K	PaPIRs MOTION SENSOR, Standard detection type (170uA, black, digital, high sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC4601112K	PaPIRs MOTION SENSOR, Standard detection type (170uA, black, digital, high sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5







**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EKMC7606112K	PaPIRs MOTION SENSOR, High density long distance detection type (170uA, black, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7606112K	PaPIRs MOTION SENSOR, High density long distance detection type (170uA, black, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7606112K	PaPIRs MOTION SENSOR, High density long distance detection type (170uA, black, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7606113K	PaPIRs MOTION SENSOR, High density long distance detection type (170uA, pearl white, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7606113K	PaPIRs MOTION SENSOR, High density long distance detection type (170uA, pearl white, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7606113K	PaPIRs MOTION SENSOR, High density long distance detection type (170uA, pearl white, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7606113K	PaPIRs MOTION SENSOR, High density long distance detection type (170uA, pearl white, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7607111K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, white, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7607111K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, white, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7607111K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, white, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7607111K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, white, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7607112K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, black, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7607112K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, black, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7607112K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, black, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7607112K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, black, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7607113K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7607113K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7607113K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7607113K	PaPIRs MOTION SENSOR, Low Profile Type (170µA, pearl white, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7691111K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7691111K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7691111K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7691111K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, white, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7691112K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7691112K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7691112K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7691112K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, black, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7691113K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7691113K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7691113K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7691113K	PaPIRs MOTION SENSOR, Slight motion detection type (170uA, pearl white, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7693111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7693111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7693111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7693111K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, white, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7693112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7693112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7693112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7693112K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, black, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EKMC7693113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, digital, low sensitivity)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EKMC7693113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, digital, low sensitivity)	Hexahydromethylphthalic anhydride	25550-51-0
EKMC7693113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, digital, low sensitivity)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EKMC7693113K	PaPIRs MOTION SENSOR, Standard and slight-motion detection type (170uA, pearl white, digital, low sensitivity)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
ER-Q	Compact Ionizer fan type	Lead titanium zirconium oxide	12626-81-2
ERVV	Ionizer ER-V with two outputs	Lead titanium zirconium oxide	12626-81-2
EY0110B31	Charger for 7.2-24V batteries, Nicd, NiMH	Acrylamide	79-06-1
EY0110B32	Charger for 7.2-24V batteries, Nicd, NiMH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY0110B32	Charger for 7.2-24V batteries, Nicd, NiMH	Acrylamide	79-06-1
EY0L11B31	Charger for 2.4V NiMH and 3.6V Li-ion batteries	Lead titanium zirconium oxide	12626-81-2
EY0L11B31	Charger for 2.4V NiMH and 3.6V Li-ion batteries	Lead	7439-92-1

**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EY0L11B32	Charger for 2.4V NiMH and 3.6V Li-ion batteries	Lead titanium zirconium oxide	12626-81-2
EY0L11B32	Charger for 2.4V NiMH and 3.6V Li-ion batteries	Lead	7439-92-1
EY0L20B32H	Charger for 7.2V Li-ion battery EY9L20B	Lead	7439-92-1
EY0L82B32	Charger for all 10.8-28.8V Li-Ion batteries	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY3610LA1J31	Cordless Sealing Gun 3.6V, up to 400ml sausages, with 1 battery 1.5Ah Li-Ion, charger, in carton	Lead titanium zirconium oxide	12626-81-2
EY3610LA1J31	Cordless Sealing Gun 3.6V, up to 400ml sausages, with 1 battery 1.5Ah Li-Ion, charger, in carton	Lead	7439-92-1
EY3610LA1J32	Cordless Sealing Gun 3.6V, up to 400ml sausages, with 1 battery 1.5Ah Li-Ion, charger, in carton	Lead titanium zirconium oxide	12626-81-2
EY3610LA1J32	Cordless Sealing Gun 3.6V, up to 400ml sausages, with 1 battery 1.5Ah Li-Ion, charger, in carton	Lead	7439-92-1
EY3641K32	Cordless Sealing Gun 14.4V, up to 600ml sausages, without battery and charger, in toolbox	Acrylamide	79-06-1
EY3641LS1S32	Cordless Sealing Gun 14.4V, up to 600ml sausages, with 1 battery 4.2Ah Li-Ion, charger, in toolbox	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY3654NQW32	Cordless Sealing Gun 7.2V, up to 600ml sausages, with 2 battery 2.8Ah NiMH, charger, in carton box	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
EY3654NQW32	Cordless Sealing Gun 7.2V, up to 600ml sausages, with 2 battery 2.8Ah NiMH, charger, in carton box	Trixylyl phosphate	25155-23-1
EY3654NQW32	Cordless Sealing Gun 7.2V, up to 600ml sausages, with 2 battery 2.8Ah NiMH, charger, in carton box	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY3654NQW32	Cordless Sealing Gun 7.2V, up to 600ml sausages, with 2 battery 2.8Ah NiMH, charger, in carton box	Lead	7439-92-1
EY3654NQW32	Cordless Sealing Gun 7.2V, up to 600ml sausages, with 2 battery 2.8Ah NiMH, charger, in carton box	Acrylamide	79-06-1
EY3654NQW32	Cordless Sealing Gun 7.2V, up to 600ml sausages, with 2 battery 2.8Ah NiMH, charger, in carton box	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EY3654NW32	Cordless Sealing Gun 7.2V, up to 600ml sausages, with 2 battery 2.8Ah NiMH, without charger, in carton box	Trixylyl phosphate	25155-23-1
EY3654NW32	Cordless Sealing Gun 7.2V, up to 600ml sausages, with 2 battery 2.8Ah NiMH, without charger, in carton box	Lead	7439-92-1
EY3654NW32	Cordless Sealing Gun 7.2V, up to 600ml sausages, with 2 battery 2.8Ah NiMH, without charger, in carton box	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
EY37A3B32	Vacuum Cleaner 18V/14.4V, without battery and charger, in carton	Trixylyl phosphate	25155-23-1
EY37A3B32	Vacuum Cleaner 18V/14.4V, without battery and charger, in carton	Lead	7439-92-1
EY37C5B32	Bluetooth speaker, 14.4/18/21.6V, without battery and charger	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetat	111-15-9
EY37C5B32	Bluetooth speaker, 14.4/18/21.6V, without battery and charger	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
EY37C5B32	Bluetooth speaker, 14.4/18/21.6V, without battery and charger	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY45A2XM32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Metal Saw Blade and Rip Fence, without battery and charger, in carton box	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EY45A2XM32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Metal Saw Blade and Rip Fence, without battery and charger, in carton box	Trixylyl phosphate	25155-23-1
EY45A2XM32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Metal Saw Blade and Rip Fence, without battery and charger, in carton box	Dodecamethylcyclotetrasiloxane; D6	540-97-6
EY45A2XM32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Metal Saw Blade and Rip Fence, without battery and charger, in carton box	Decamethylcyclopentasiloxane (D5)	541-02-6
EY45A2XM32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Metal Saw Blade and Rip Fence, without battery and charger, in carton box	Octamethylcyclotetrasiloxane (D4)	556-67-2
EY45A2XM32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Metal Saw Blade and Rip Fence, without battery and charger, in carton box	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY45A2XM32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Metal Saw Blade and Rip Fence, without battery and charger, in carton box	Lead	7439-92-1
EY45A2XM32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Metal Saw Blade and Rip Fence, without battery and charger, in carton box	Phenol, 4-nonyl-, branched	84852-15-3
EY45A2XW32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Wood Saw Blade and Rip Fence, without battery and charger, in carton box	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EY45A2XW32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Wood Saw Blade and Rip Fence, without battery and charger, in carton box	Trixylyl phosphate	25155-23-1
EY45A2XW32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Wood Saw Blade and Rip Fence, without battery and charger, in carton box	Dodecamethylcyclotetrasiloxane; D6	540-97-6
EY45A2XW32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Wood Saw Blade and Rip Fence, without battery and charger, in carton box	Decamethylcyclopentasiloxane (D5)	541-02-6
EY45A2XW32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Wood Saw Blade and Rip Fence, without battery and charger, in carton box	Octamethylcyclotetrasiloxane (D4)	556-67-2
EY45A2XW32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Wood Saw Blade and Rip Fence, without battery and charger, in carton box	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY45A2XW32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Wood Saw Blade and Rip Fence, without battery and charger, in carton box	Lead	7439-92-1
EY45A2XW32	Cordless Multi Circular Saw DUAL 14.4V/18V, incl. Wood Saw Blade and Rip Fence, without battery and charger, in carton box	Phenol, 4-nonyl-, branched	84852-15-3
EY46A2X32	Cordless Angle Grinder DUAL 18V/14.4V, without battery and charger, in carton box	Lead	7439-92-1
EY6220N32	Cordless Screwdriver 2.4V, 2.8Ah NiMH battery, without charger, in carton box	Trixylyl phosphate	25155-23-1
EY6220N32	Cordless Screwdriver 2.4V, 2.8Ah NiMH battery, without charger, in carton box	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY6220N32	Cordless Screwdriver 2.4V, 2.8Ah NiMH battery, without charger, in carton box	Lead	7439-92-1
EY6220NQ32	Cordless Screwdriver 2.4V, 2.8Ah NiMH battery, charger, in carton box	Lead titanium zirconium oxide	12626-81-2
EY6220NQ32	Cordless Screwdriver 2.4V, 2.8Ah NiMH battery, charger, in carton box	Trixylyl phosphate	25155-23-1
EY6220NQ32	Cordless Screwdriver 2.4V, 2.8Ah NiMH battery, charger, in carton box	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY6220NQ32	Cordless Screwdriver 2.4V, 2.8Ah NiMH battery, charger, in carton box	Lead	7439-92-1
EY7410LA1C32	Cordless Screwdriver 3.6V, 1.5Ah Li-Ion battery, without charger, in carton box	Lead titanium zirconium oxide	12626-81-2
EY7410LA1C32	Cordless Screwdriver 3.6V, 1.5Ah Li-Ion battery, without charger, in carton box	Trixylyl phosphate	25155-23-1

## PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EY7410LA1C32	Cordless Screwdriver 3.6V, 1.5Ah Li-Ion battery, without charger, in carton box	Lead	7439-92-1
EY7410LA1C32	Cordless Screwdriver 3.6V, 1.5Ah Li-Ion battery, without charger, in carton box	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
EY7410LA2S31	Cordless Screwdriver 3.6V, 2 x 1.5Ah Li-Ion battery, charger, in toolbox	Lead titanium zirconium oxide	12626-81-2
EY7410LA2S31	Cordless Screwdriver 3.6V, 2 x 1.5Ah Li-Ion battery, charger, in toolbox	Trixylyl phosphate	25155-23-1
EY7410LA2S31	Cordless Screwdriver 3.6V, 2 x 1.5Ah Li-Ion battery, charger, in toolbox	Lead	7439-92-1
EY7410LA2S31	Cordless Screwdriver 3.6V, 2 x 1.5Ah Li-Ion battery, charger, in toolbox	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
EY7410LA2S32	Cordless Screwdriver 3.6V, 2 x 1.5Ah Li-Ion battery, charger, in toolbox	Lead titanium zirconium oxide	12626-81-2
EY7410LA2S32	Cordless Screwdriver 3.6V, 2 x 1.5Ah Li-Ion battery, charger, in toolbox	Trixylyl phosphate	25155-23-1
EY7410LA2S32	Cordless Screwdriver 3.6V, 2 x 1.5Ah Li-Ion battery, charger, in toolbox	Lead	7439-92-1
EY7410LA2S32	Cordless Screwdriver 3.6V, 2 x 1.5Ah Li-Ion battery, charger, in toolbox	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
EY7411LA1C32	Cordless Screwdriver 3.6V, with counter function, 1.5Ah Li-Ion battery, without charger, in carton box	Lead titanium zirconium oxide	12626-81-2
EY7411LA1C32	Cordless Screwdriver 3.6V, with counter function, 1.5Ah Li-Ion battery, without charger, in carton box	Trixylyl phosphate	25155-23-1
EY7411LA1C32	Cordless Screwdriver 3.6V, with counter function, 1.5Ah Li-Ion battery, without charger, in carton box	Lead	7439-92-1
EY7411LA1C32	Cordless Screwdriver 3.6V, with counter function, 1.5Ah Li-Ion battery, without charger, in carton box	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
EY7411LA1S32	Cordless Screwdriver 3.6V, with counter function, 1.5Ah Li-Ion battery, charger, in carton box	Lead titanium zirconium oxide	12626-81-2
EY7411LA1S32	Cordless Screwdriver 3.6V, with counter function, 1.5Ah Li-Ion battery, charger, in carton box	Trixylyl phosphate	25155-23-1
EY7411LA1S32	Cordless Screwdriver 3.6V, with counter function, 1.5Ah Li-Ion battery, charger, in carton box	Lead	7439-92-1
EY7411LA1S32	Cordless Screwdriver 3.6V, with counter function, 1.5Ah Li-Ion battery, charger, in carton box	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
EY7420LA2S32	Cordless Screwdriver 7.2V, 2 x 1.5Ah Li-Ion battery, charger, in toolbox	Lead	7439-92-1
EY7881B878	Bulk EY7881 Bulk version of Rotary Hammer, without batteries, charger, paperwork, etc	Lead	7439-92-1
EY78A1X32	Cordless Rotary Hammer DUAL 14.4V/18V, with Drill&Driver function, without batteries and charger, in carton box	Lead	7439-92-1
EY78A1X32	Cordless Rotary Hammer DUAL 14.4V/18V, with Drill&Driver function, without batteries and charger, in carton box	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
EY9221B32	Battery 2.4V, 2.8Ah NiMH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY9HX405E32	Keyless Chuck 13mm for EY7440	Lead	7439-92-1
EY9HX410E32	Keyless Chuck 13mm for EY7460 / EY7960	Lead	7439-92-1
EY9HX411E32	Keyless Chuck 13mm for EY7441 / EY7940	Lead	7439-92-1
EY9HX412E32	Keyless Chuck 13mm for EY7950	Lead	7439-92-1
EY9HX413E32	Keyless Chuck 13mm for EY74A2 / EY79A2	Lead	7439-92-1
EY9L10B32	Battery 3.6V 1.5Ah Li-Ion for EY7410/ EY7411	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY9L20B10H	Battery 7.2V 1.5Ah Li-Ion for EYFEA1N	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY9L20B10H	Battery 7.2V 1.5Ah Li-Ion for EYFEA1N	Lead	7439-92-1
EY9L20B32	Battery 7.2V 1.5Ah Li-Ion for EYFEA1N	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EY9L20B32	Battery 7.2V 1.5Ah Li-Ion for EYFEA1N	Lead	7439-92-1
EYFA31B10H	Accessory Remote Control	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4



PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EYFA31B10H	Accessory Remote Control	Lead titanium zirconium oxide	12626-81-2
EYFA31B10H	Accessory Remote Control	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFA31B10H	Accessory Remote Control	Lead	7439-92-1
EYFB30B10H	Battery 10.8V 3.0Ah Li-Ion	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFB30B10H	Battery 10.8V 3.0Ah Li-Ion	Lead	7439-92-1
EYFB32B10H	Li-Ion Battery 10.8V 2.0 AH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFB32B10H	Li-Ion Battery 10.8V 2.0 AH	Lead	7439-92-1
EYFB41B10H	Battery 14,4V 2.0 AH	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
EYFB41B10H	Battery 14,4V 2.0 AH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFB41B10H	Battery 14,4V 2.0 AH	Lead	7439-92-1
EYFB42B10H	Battery 14,4V 4.2 AH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFB42B10H	Battery 14,4V 4.2 AH	Lead	7439-92-1
EYFB43B10H	Li-Ion Battery pack 14.4V 4.0Ah	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFB43B10H	Li-Ion Battery pack 14.4V 4.0Ah	Lead	7439-92-1
EYFB50B10H	Battery 18V 5.0Ah Li-Ion for EYFNA	Trixylyl phosphate	25155-23-1
EYFB50B10H	Battery 18V 5.0Ah Li-Ion for EYFNA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFEA1N2S32H	Cordless Screwdriver 7.2V, 1/4" Hex-Drive, 2 x 1.5Ah Li-Ion batteries, charger, clutch cover, in carton box	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFEA1N2S32H	Cordless Screwdriver 7.2V, 1/4" Hex-Drive, 2 x 1.5Ah Li-Ion batteries, charger, clutch cover, in carton box	Lead	7439-92-1
EYFGA1A10H	Screw Driver clutch torque 2-5.5Nm	Lead titanium zirconium oxide	12626-81-2
EYFGA1A10H	Screw Driver clutch torque 2-5.5Nm	Lead	7439-92-1
EYFGA1AR10H	Screw Driver clutch torque 2-5.5Nm with Pokayoke	Lead titanium zirconium oxide	12626-81-2
EYFGA1AR10H	Screw Driver clutch torque 2-5.5Nm with Pokayoke	Lead	7439-92-1
EYFGA2A10H	Screw Driver clutch torque 5-8Nm	Lead titanium zirconium oxide	12626-81-2
EYFGA2A10H	Screw Driver clutch torque 5-8Nm	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFGA2A10H	Screw Driver clutch torque 5-8Nm	Lead	7439-92-1
EYFGA2AR10H	Screw Driver clutch torque 5-8Nm with Pokayoke	Lead titanium zirconium oxide	12626-81-2
EYFGA2AR10H	Screw Driver clutch torque 5-8Nm with Pokayoke	Lead	7439-92-1
EYFGA3A10H	Screw Driver torque 5-10Nm	Lead titanium zirconium oxide	12626-81-2
EYFGA3A10H	Screw Driver torque 5-10Nm	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFGA3A10H	Screw Driver torque 5-10Nm	Lead	7439-92-1
EYFGA3AR10H	Screw Driver clutch torque 5-10Nm with Pokayoke	Lead titanium zirconium oxide	12626-81-2
EYFGA3AR10H	Screw Driver clutch torque 5-10Nm with Pokayoke	Lead	7439-92-1
EYFLA4A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA4A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA4A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA4A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA4A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA4A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	Lead	7439-92-1
EYFLA4AR10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic, with data transmission function	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA4AR10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic, with data transmission function	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA4AR10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic, with data transmission function	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA4AR10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic, with data transmission function	Lead	7439-92-1
EYFLA5A10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA5A10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA5A10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA5A10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA5A10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA5A10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic	Lead	7439-92-1
EYFLA5AR10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic, with data transmission function	Dodecamethylcyclohexasiloxane; D6	540-97-6





**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EYFLA5AR10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic, with data transmission function	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA5AR10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic, with data transmission function	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA5AR10H	Cordless Impact Driver 10.8V, 1/4", max 90Nm, with shut-off electronic, with data transmission function	Lead	7439-92-1
EYFLA5B10H	Cordless Impact Wrench 10.8V, 3/8" (snap-on), max 90Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA5B10H	Cordless Impact Wrench 10.8V, 3/8" (snap-on), max 90Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA5B10H	Cordless Impact Wrench 10.8V, 3/8" (snap-on), max 90Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA5B10H	Cordless Impact Wrench 10.8V, 3/8" (snap-on), max 90Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA5B10H	Cordless Impact Wrench 10.8V, 3/8" (snap-on), max 90Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA5B10H	Cordless Impact Wrench 10.8V, 3/8" (snap-on), max 90Nm, with shut-off electronic	Lead	7439-92-1
EYFLA5Q10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA5Q10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA5Q10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA5Q10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA5Q10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA5Q10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic	Lead	7439-92-1
EYFLA5QR10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic, with data transmission function	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA5QR10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic, with data transmission function	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA5QR10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic, with data transmission function	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA5QR10H	Cordless Impact Wrench 10.8V, 3/8", max 90Nm, with shut-off electronic, with data transmission function	Lead	7439-92-1
EYFLA6B10H	Cordless Impact Wrench 10.8V, 1/2" (snap-on), max 120Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA6B10H	Cordless Impact Wrench 10.8V, 1/2" (snap-on), max 120Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA6B10H	Cordless Impact Wrench 10.8V, 1/2" (snap-on), max 120Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA6B10H	Cordless Impact Wrench 10.8V, 1/2" (snap-on), max 120Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA6B10H	Cordless Impact Wrench 10.8V, 1/2" (snap-on), max 120Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA6B10H	Cordless Impact Wrench 10.8V, 1/2" (snap-on), max 120Nm, with shut-off electronic	Lead	7439-92-1
EYFLA6J10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA6J10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA6J10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA6J10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA6J10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA6J10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic	Lead	7439-92-1
EYFLA6JR10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic, with data transmission function	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA6JR10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic, with data transmission function	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA6JR10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic, with data transmission function	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA6JR10H	Cordless Impact Wrench 10.8V, 1/2", max 120Nm, with shut-off electronic, with data transmission function	Lead	7439-92-1
EYFLA7A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA7A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA7A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA7A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA7A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA7A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA7A10H	Cordless Impact Driver 10.8V, 1/4", max 40Nm, with shut-off electronic	Lead	7439-92-1
EYFLA7AR10H	Cordless Impact Driver with data transmission 10.8V, 1/4", max 40Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA7AR10H	Cordless Impact Driver with data transmission 10.8V, 1/4", max 40Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA7AR10H	Cordless Impact Driver with data transmission 10.8V, 1/4", max 40Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA7AR10H	Cordless Impact Driver with data transmission 10.8V, 1/4", max 40Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA7AR10H	Cordless Impact Driver with data transmission 10.8V, 1/4", max 40Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA7AR10H	Cordless Impact Driver with data transmission 10.8V, 1/4", max 40Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA7AR10H	Cordless Impact Driver with data transmission 10.8V, 1/4", max 40Nm, with shut-off electronic	Lead	7439-92-1
EYFLA8A10H	Cordless Impact Driver 10.8V, max 90Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1

**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EYFLA8A10H	Cordless Impact Driver 10.8V, max 90Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA8A10H	Cordless Impact Driver 10.8V, max 90Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA8A10H	Cordless Impact Driver 10.8V, max 90Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA8A10H	Cordless Impact Driver 10.8V, max 90Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA8A10H	Cordless Impact Driver 10.8V, max 90Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA8A10H	Cordless Impact Driver 10.8V, max 90Nm, with shut-off electronic	Lead	7439-92-1
EYFLA8AR10H	Cordless Impact Driver with data transmission 10.8V, max 90Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA8AR10H	Cordless Impact Driver with data transmission 10.8V, max 90Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA8AR10H	Cordless Impact Driver with data transmission 10.8V, max 90Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA8AR10H	Cordless Impact Driver with data transmission 10.8V, max 90Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA8AR10H	Cordless Impact Driver with data transmission 10.8V, max 90Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA8AR10H	Cordless Impact Driver with data transmission 10.8V, max 90Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA8AR10H	Cordless Impact Driver with data transmission 10.8V, max 90Nm, with shut-off electronic	Lead	7439-92-1
EYFLA8C10H	Cordless Impact Driver 10.8V, 3/8" , max 90Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA8C10H	Cordless Impact Driver 10.8V, 3/8" , max 90Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA8C10H	Cordless Impact Driver 10.8V, 3/8" , max 90Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA8C10H	Cordless Impact Driver 10.8V, 3/8" , max 90Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA8C10H	Cordless Impact Driver 10.8V, 3/8" , max 90Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA8C10H	Cordless Impact Driver 10.8V, 3/8" , max 90Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA8C10H	Cordless Impact Driver 10.8V, 3/8" , max 90Nm, with shut-off electronic	Lead	7439-92-1
EYFLA8CR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" , max 90Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA8CR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" , max 90Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA8CR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" , max 90Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA8CR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" , max 90Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA8CR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" , max 90Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA8CR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" , max 90Nm, with shut-off electronic	Lead	7439-92-1
EYFLA8P10H	Cordless Impact Driver 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA8P10H	Cordless Impact Driver 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA8P10H	Cordless Impact Driver 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA8P10H	Cordless Impact Driver 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA8P10H	Cordless Impact Driver 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA8P10H	Cordless Impact Driver 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA8P10H	Cordless Impact Driver 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Lead	7439-92-1
EYFLA8PR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA8PR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA8PR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA8PR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA8PR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA8PR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA8PR10H	Cordless Impact Wrench with data transmission 10.8V, 3/8" with Pin, max 90Nm, with shut-off electronic	Lead	7439-92-1
EYFLA9C10H	Cordless Impact Driver 10.8V, 1/2" , max 120Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA9C10H	Cordless Impact Driver 10.8V, 1/2" , max 120Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA9C10H	Cordless Impact Driver 10.8V, 1/2" , max 120Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA9C10H	Cordless Impact Driver 10.8V, 1/2" , max 120Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA9C10H	Cordless Impact Driver 10.8V, 1/2" , max 120Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA9C10H	Cordless Impact Driver 10.8V, 1/2" , max 120Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA9C10H	Cordless Impact Driver 10.8V, 1/2" , max 120Nm, with shut-off electronic	Lead	7439-92-1
EYFLA9CR10H	Cordless Impact Wrench with data transmission 10.8V, 1/2" , max 120Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA9CR10H	Cordless Impact Wrench with data transmission 10.8V, 1/2" , max 120Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA9CR10H	Cordless Impact Wrench with data transmission 10.8V, 1/2" , max 120Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6



**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EYFLA9CR10H	Cordless Impact Wrench with data transmission 10.8V, 1/2" , max 120Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA9CR10H	Cordless Impact Wrench with data transmission 10.8V, 1/2" , max 120Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA9CR10H	Cordless Impact Wrench with data transmission 10.8V, 1/2" , max 120Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA9CR10H	Cordless Impact Wrench with data transmission 10.8V, 1/2" , max 120Nm, with shut-off electronic	Lead	7439-92-1
EYFLA9P10H	Cordless Impact Driver 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA9P10H	Cordless Impact Driver 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA9P10H	Cordless Impact Driver 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA9P10H	Cordless Impact Driver 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA9P10H	Cordless Impact Driver 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA9P10H	Cordless Impact Driver 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA9P10H	Cordless Impact Driver 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Lead	7439-92-1
EYFLA9PR10H	Cordless Impact Wrench with Data transmission 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFLA9PR10H	Cordless Impact Wrench with Data transmission 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFLA9PR10H	Cordless Impact Wrench with Data transmission 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFLA9PR10H	Cordless Impact Wrench with Data transmission 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFLA9PR10H	Cordless Impact Wrench with Data transmission 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFLA9PR10H	Cordless Impact Wrench with Data transmission 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFLA9PR10H	Cordless Impact Wrench with Data transmission 10.8V, 1/2" with Pin, max 120Nm, with shut-off electronic	Lead	7439-92-1
EYFMA1B10H	Cordless Impact Wrench 14.4V, 1/2", (snap-on) max 185Nm, with shut-off electronic	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
EYFMA1B10H	Cordless Impact Wrench 14.4V, 1/2", (snap-on) max 185Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFMA1B10H	Cordless Impact Wrench 14.4V, 1/2", (snap-on) max 185Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFMA1B10H	Cordless Impact Wrench 14.4V, 1/2", (snap-on) max 185Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFMA1B10H	Cordless Impact Wrench 14.4V, 1/2", (snap-on) max 185Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFMA1B10H	Cordless Impact Wrench 14.4V, 1/2", (snap-on) max 185Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFMA1B10H	Cordless Impact Wrench 14.4V, 1/2", (snap-on) max 185Nm, with shut-off electronic	Lead	7439-92-1
EYFMA1J10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
EYFMA1J10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFMA1J10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFMA1J10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFMA1J10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFMA1J10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFMA1J10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic	Lead	7439-92-1
EYFMA1JR10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic with data transmission function	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
EYFMA1JR10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic with data transmission function	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFMA1JR10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic with data transmission function	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFMA1JR10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic with data transmission function	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFMA1JR10H	Cordless Impact Wrench 14.4V, 1/2", max 185Nm, with shut-off electronic with data transmission function	Lead	7439-92-1
EYFMA2C10H	Cordless Impact Driver 14.4V, 1/2" , max 170Nm, with shut-off electronic	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
EYFMA2C10H	Cordless Impact Driver 14.4V, 1/2" , max 170Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFMA2C10H	Cordless Impact Driver 14.4V, 1/2" , max 170Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFMA2C10H	Cordless Impact Driver 14.4V, 1/2" , max 170Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFMA2C10H	Cordless Impact Driver 14.4V, 1/2" , max 170Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFMA2C10H	Cordless Impact Driver 14.4V, 1/2" , max 170Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFMA2C10H	Cordless Impact Driver 14.4V, 1/2" , max 170Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5



**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EYFMA2C10H	Cordless Impact Driver 14.4V, 1/2" , max 170Nm, with shut-off electronic	Lead	7439-92-1
EYFMA2CR10H	Cordless Impact Wrench with data transmission, 14.4V, 1/2" , max 170Nm, with shut-off electronic	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
EYFMA2CR10H	Cordless Impact Wrench with data transmission, 14.4V, 1/2" , max 170Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFMA2CR10H	Cordless Impact Wrench with data transmission, 14.4V, 1/2" , max 170Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFMA2CR10H	Cordless Impact Wrench with data transmission, 14.4V, 1/2" , max 170Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFMA2CR10H	Cordless Impact Wrench with data transmission, 14.4V, 1/2" , max 170Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFMA2CR10H	Cordless Impact Wrench with data transmission, 14.4V, 1/2" , max 170Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFMA2CR10H	Cordless Impact Wrench with data transmission, 14.4V, 1/2" , max 170Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFMA2CR10H	Cordless Impact Wrench with data transmission, 14.4V, 1/2" , max 170Nm, with shut-off electronic	Lead	7439-92-1
EYFMA2P10H	Cordless Impact Driver 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
EYFMA2P10H	Cordless Impact Driver 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFMA2P10H	Cordless Impact Driver 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFMA2P10H	Cordless Impact Driver 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFMA2P10H	Cordless Impact Driver 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFMA2P10H	Cordless Impact Driver 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFMA2P10H	Cordless Impact Driver 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFMA2P10H	Cordless Impact Driver 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Lead	7439-92-1
EYFMA2PR10H	Cordless Impact Driver with data transmission 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
EYFMA2PR10H	Cordless Impact Driver with data transmission 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFMA2PR10H	Cordless Impact Driver with data transmission 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFMA2PR10H	Cordless Impact Driver with data transmission 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFMA2PR10H	Cordless Impact Driver with data transmission 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFMA2PR10H	Cordless Impact Driver with data transmission 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFMA2PR10H	Cordless Impact Driver with data transmission 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
EYFMA2PR10H	Cordless Impact Driver with data transmission 14.4V, 1/2" with Pin , max 170Nm, with shut-off electronic	Lead	7439-92-1
EYFME1C10H	Cordless Angle Impact Wrench 14.4V, 3/8" Pin-Type, max 80Nm, with shut-off electronic	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
EYFME1C10H	Cordless Angle Impact Wrench 14.4V, 3/8" Pin-Type, max 80Nm, with shut-off electronic	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
EYFME1C10H	Cordless Angle Impact Wrench 14.4V, 3/8" Pin-Type, max 80Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFME1C10H	Cordless Angle Impact Wrench 14.4V, 3/8" Pin-Type, max 80Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFME1C10H	Cordless Angle Impact Wrench 14.4V, 3/8" Pin-Type, max 80Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFME1C10H	Cordless Angle Impact Wrench 14.4V, 3/8" Pin-Type, max 80Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFME1C10H	Cordless Angle Impact Wrench 14.4V, 3/8" Pin-Type, max 80Nm, with shut-off electronic	Lead	7439-92-1
EYFNA1J10H	Cordless Impact Wrench 18V, 1/2" Pin-Type, max 200 Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFNA1J10H	Cordless Impact Wrench 18V, 1/2" Pin-Type, max 200 Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFNA1J10H	Cordless Impact Wrench 18V, 1/2" Pin-Type, max 200 Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFNA1J10H	Cordless Impact Wrench 18V, 1/2" Pin-Type, max 200 Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFNA1J10H	Cordless Impact Wrench 18V, 1/2" Pin-Type, max 200 Nm, with shut-off electronic	Lead	7439-92-1
EYFPA1J10H	Cordless Impact Wrench 21.6V, 3/4" Pin-Type, max 650 Nm, with shut-off electronic	Lead titanium zirconium oxide	12626-81-2
EYFPA1J10H	Cordless Impact Wrench 21.6V, 3/4" Pin-Type, max 650 Nm, with shut-off electronic	Dodecamethylcyclohexasiloxane; D6	540-97-6
EYFPA1J10H	Cordless Impact Wrench 21.6V, 3/4" Pin-Type, max 650 Nm, with shut-off electronic	Decamethylcyclopentasiloxane (D5)	541-02-6
EYFPA1J10H	Cordless Impact Wrench 21.6V, 3/4" Pin-Type, max 650 Nm, with shut-off electronic	Octamethylcyclotetrasiloxane (D4)	556-67-2
EYFPA1J10H	Cordless Impact Wrench 21.6V, 3/4" Pin-Type, max 650 Nm, with shut-off electronic	Lead	7439-92-1
FD-60	Fiber, Diffuse reflective, M6, bending radius R4, 2m, IP 67	Lead	7439-92-1
FDH20M1	Fiber, Diffuse reflective, coaxial, silicone tube -60 to 200°C, M6, 1m	Lead	7439-92-1



**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
FTPN1000	Protect. tube for UZF thru-beam type fiber cables,1 m	Lead	7439-92-1
FTPN500	Protect. tube for UZF thru-beam type fiber cables, 0,5 m	Lead	7439-92-1
FXMR5	Zoom lens - side view for fiber diffuse	Lead	7439-92-1
GXL15FLUB	inductive proximity sensor, rectangular shape, 8mm, normaly closed, 3 bis 70mA, cable 1m	Benzyl butyl phthalate (BBP)	85-68-7
GXL15FLUI	inductive proximity sensor, rectangular shape, 8mm, normaly open, 3 bis 70mA, cable 1m	Benzyl butyl phthalate (BBP)	85-68-7
GXL15FUC5	inductive proximity sensor, rectangular shape, 5mm, normaly open, 3 to 70mA, cable 5m	Benzyl butyl phthalate (BBP)	85-68-7
HL-C2CCJ5	HL-C2 extension cable for laser head, 5 m	Lead	7439-92-1
LSH21	Sensor head LS 400, diffuse reflective, 100cm, spot typ, class 2	Lead	7439-92-1
LSH22	Sensor head LS 400, diffuse reflective, 100cm, line typ, class 2	Lead	7439-92-1
M61X6G4DGA	Motor Shin-G Series 6 W Single Phase	Lead	7439-92-1
M61X6G4GGA	Motor Shin-G Series 6 W Single Phase	Lead	7439-92-1
M61X6GT4GM1	Motor Shin-G Series 6 W Single Phase	Lead	7439-92-1
M61X6GV4GGA	Motor Shin-G Series 6 W Single Phase	Lead	7439-92-1
M6RX6G4GGA	Motor Shin-G Series 6 W Single Phase	Lead	7439-92-1
M6RX6GB4DGA	Motor Shin-G Series 6 W Single Phase	Lead	7439-92-1
M6RX6GB4GGA	Motor Shin-G Series 6 W Single Phase	Lead	7439-92-1
M6RX6GV4GGA	Motor Shin-G Series 6 W Single Phase	Lead	7439-92-1
M71X15G4DGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M71X15G4GGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M71X15G4LGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M71X15G4YGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M71X15GV4DGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M71X15GV4GGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M71X15S4GGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M7RX15G4DGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M7RX15G4GGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M7RX15GB4GGA	Motor Shin-G Series 15 W Single Phase	Lead	7439-92-1
M81X25G4DGA	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M81X25G4GGA	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M81X25GK4DGA	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M81X25GK4GGA	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M81X25GN4GG1	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M81X25GV4GGA	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M81X25SK4GGA	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M8MX25G4CM1	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8MX25G4YGA	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8MX25GB4YGA	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8MX25GK4CGA	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8MX25GK4YGA	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8MX25GR4CM1	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8MX25GR4YG1	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8MX25S4YGA	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8MX25SK4CGA	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8MX25SK4YGA	Motor Shin-G Series 25 W Multi Phase	Lead	7439-92-1
M8RX20GKP4Y1	Motor Shin-G Series 20 W Single Phase	Lead	7439-92-1
M8RX25G4DGA	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M8RX25G4GGA	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M8RX25G4Y	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M8RX25GK4DGA	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M8RX25GK4GG1	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1



## PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
M8RX25GR4GG1	Motor Shin-G Series 25 W Single Phase	Lead	7439-92-1
M91X40G4DGA	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M91X40G4GGA	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M91X40GK4DGA	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M91X40GK4GGA	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M91X40GK4Y	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M91X40GN4GG1	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M91X40GV4GGA	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M91Z50GK4VM1	Motor Shin-G Series 50 W Single Phase	Lead	7439-92-1
M91Z60G4DGA	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1
M91Z60G4GGA	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1
M91Z60GK4DGA	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1
M91Z60GK4GGA	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1
M91Z60GN4GG1	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1
M91Z60GV4GGA	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1
M91Z90G4DGA	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
M91Z90G4GGA	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
M91Z90GD4Y	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
M91Z90GK4DGA	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
M91Z90GK4GGA	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
M91Z90GN4GG1	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
M91Z90SK4GGA	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
M91Z90SV4GGA	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
M91ZA5S2YS	Motor Shin-G Series 150 W Single Phase	Lead	7439-92-1
M9MX40G4YGA	Motor Shin-G Series 40 W Multi Phase	Lead	7439-92-1
M9MX40GK4CGA	Motor Shin-G Series 40 W Multi Phase	Lead	7439-92-1
M9MX40GK4YGA	Motor Shin-G Series 40 W Multi Phase	Lead	7439-92-1
M9MX40GR4CM1	Motor Shin-G Series 40 W Multi Phase	Lead	7439-92-1
M9MX40GR4YG1	Motor Shin-G Series 40 W Multi Phase	Lead	7439-92-1
M9MX40SK4CGA	Motor Shin-G Series 40 W Multi Phase	Lead	7439-92-1
M9MZ60G4YGA	Motor Shin-G Series 60 W Multi Phase	Lead	7439-92-1
M9MZ60GK4CGA	Motor Shin-G Series 60 W Multi Phase	Lead	7439-92-1
M9MZ60GK4YGA	Motor Shin-G Series 60 W Multi Phase	Lead	7439-92-1
M9MZ60GR4CM1	Motor Shin-G Series 60 W Multi Phase	Lead	7439-92-1
M9MZ60GR4YG1	Motor Shin-G Series 60 W Multi Phase	Lead	7439-92-1
M9MZ60SK4YGA	Motor Shin-G Series 60 W Multi Phase	Lead	7439-92-1
M9MZ90G4YGA	Motor Shin-G Series 90 W Multi Phase	Lead	7439-92-1
M9MZ90GK4CGA	Motor Shin-G Series 90 W Multi Phase	Lead	7439-92-1
M9MZ90GK4YGA	Motor Shin-G Series 90 W Multi Phase	Lead	7439-92-1
M9MZ90GR4CM1	Motor Shin-G Series 90 W Multi Phase	Lead	7439-92-1
M9MZ90GR4YG1	Motor Shin-G Series 90 W Multi Phase	Lead	7439-92-1
M9MZ90SK4CGA	Motor Shin-G Series 90 W Multi Phase	Lead	7439-92-1
M9MZ90SK4YGA	Motor Shin-G Series 90 W Multi Phase	Lead	7439-92-1
M9MZA5S2YGA	Motor Shin-G Series 150 W Multi Phase	Lead	7439-92-1
M9RX40G4GGA	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M9RX40GK4GG1	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M9RX40GR4GG1	Motor Shin-G Series 40 W Single Phase	Lead	7439-92-1
M9RZ60GK4DGA	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1
M9RZ60GK4GG1	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1
M9RZ60GR4GG1	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1



PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
M9RZ60GR4Q1	Motor Shin-G Series 60 W Single Phase	Lead	7439-92-1
M9RZ90GK4GG1	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
M9RZ90GR4GG1	Motor Shin-G Series 90 W Single Phase	Lead	7439-92-1
MB8G10BV	Gear head for MINAS BL GP motors 50W, reduction ratio 10:1, key-way shaft	Lead	7439-92-1
MB8G15BV	Gear head for MINAS BL GP motors 50W, reduction ratio 15:1, key-way shaft	Lead	7439-92-1
MB8G20BV	Gear head for MINAS BL GP motors 50W, reduction ratio 20:1, key-way shaft	Lead	7439-92-1
MB8G30BV	Gear head for MINAS BL GP motors 50W, reduction ratio 30:1, key-way shaft	Lead	7439-92-1
MB8G50BV	Gear head for MINAS BL GP motors 50W, reduction ratio 50:1, key-way shaft	Lead	7439-92-1
MB8G5BV	Gear head for MINAS BL GP motors 50W, reduction ratio 5:1, key-way shaft	Lead	7439-92-1
MB9G10BV	Gear head for MINAS BL GP motors 90/130W, reduction ratio 10:1, key-way shaft	Lead	7439-92-1
MB9G15BV	Gear head for MINAS BL GP motors 90/130W, reduction ratio 15:1, key-way shaft	Lead	7439-92-1
MB9G20BV	Gear head for MINAS BL GP motors 90/130W, reduction ratio 20:1, key-way shaft	Lead	7439-92-1
MB9G30BV	Gear head for MINAS BL GP motors 90/130W, reduction ratio 30:1, key-way shaft	Lead	7439-92-1
MB9G50BV	Gear head for MINAS BL GP motors 90/130W, reduction ratio 50:1, key-way shaft	Lead	7439-92-1
MB9G5BV	Gear head for MINAS BL GP motors 90/130W, reduction ratio 5:1, key-way shaft	Lead	7439-92-1
MP9G100B	Gear box Shin-G Series	Lead	7439-92-1
MP9G120B	Gear box Shin-G Series	Lead	7439-92-1
MP9G150B	Gear box Shin-G Series	Lead	7439-92-1
MP9G180B	Gear box Shin-G Series	Lead	7439-92-1
MP9G200B	Gear box Shin-G Series	Lead	7439-92-1
MP9G50B	Gear box Shin-G Series	Lead	7439-92-1
MP9G60B	Gear box Shin-G Series	Lead	7439-92-1
MP9G75B	Gear box Shin-G Series	Lead	7439-92-1
MP9G90B	Gear box Shin-G Series	Lead	7439-92-1
MR9G100B	Gear box Shin-G Series	Lead	7439-92-1
MR9G120B	Gear box Shin-G Series	Lead	7439-92-1
MR9G150B	Gear box Shin-G Series	Lead	7439-92-1
MR9G180B	Gear box Shin-G Series	Lead	7439-92-1
MR9G200B	Gear box Shin-G Series	Lead	7439-92-1
MR9G50B	Gear box Shin-G Series	Lead	7439-92-1
MR9G60B	Gear box Shin-G Series	Lead	7439-92-1
MR9G75B	Gear box Shin-G Series	Lead	7439-92-1
MR9G90B	Gear box Shin-G Series	Lead	7439-92-1
MX6G100B	Gear box Shin-G Series	Lead	7439-92-1
MX6G10BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G10XB	Gear box Shin-G Series	Lead	7439-92-1
MX6G12.5BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G120B	Gear box Shin-G Series	Lead	7439-92-1
MX6G150B	Gear box Shin-G Series	Lead	7439-92-1
MX6G15BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G180B	Gear box Shin-G Series	Lead	7439-92-1
MX6G18BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G20BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G25BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G3.6BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G30B	Gear box Shin-G Series	Lead	7439-92-1
MX6G36B	Gear box Shin-G Series	Lead	7439-92-1
MX6G3BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G50B	Gear box Shin-G Series	Lead	7439-92-1
MX6G5BA	Gear box Shin-G Series	Lead	7439-92-1



## PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
MX6G60B	Gear box Shin-G Series	Lead	7439-92-1
MX6G6BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G7.5BA	Gear box Shin-G Series	Lead	7439-92-1
MX6G75B	Gear box Shin-G Series	Lead	7439-92-1
MX6G90B	Gear box Shin-G Series	Lead	7439-92-1
MX6G9BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G100B	Gear box Shin-G Series	Lead	7439-92-1
MX7G10BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G10XB	Gear box Shin-G Series	Lead	7439-92-1
MX7G12.5BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G120B	Gear box Shin-G Series	Lead	7439-92-1
MX7G150B	Gear box Shin-G Series	Lead	7439-92-1
MX7G15BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G180B	Gear box Shin-G Series	Lead	7439-92-1
MX7G18BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G20BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G25BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G3.6BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G30B	Gear box Shin-G Series	Lead	7439-92-1
MX7G36B	Gear box Shin-G Series	Lead	7439-92-1
MX7G3BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G50B	Gear box Shin-G Series	Lead	7439-92-1
MX7G5BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G60B	Gear box Shin-G Series	Lead	7439-92-1
MX7G6BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G7.5BA	Gear box Shin-G Series	Lead	7439-92-1
MX7G75B	Gear box Shin-G Series	Lead	7439-92-1
MX7G90B	Gear box Shin-G Series	Lead	7439-92-1
MX7G9BA	Gear box Shin-G Series	Lead	7439-92-1
MX8G100B	Gear head for MINAS BL GV motors 50W, reduction ratio 100:1, key-way shaft	Lead	7439-92-1
MX8G10B	Gear head for MINAS BL GV motors 50W, reduction ratio 10:1, key-way shaft	Lead	7439-92-1
MX8G10XB	Gear box Shin-G Series	Lead	7439-92-1
MX8G12.5B	Gear head for MINAS BL GV motors 50W, reduction ratio 12.5:1, key-way shaft	Lead	7439-92-1
MX8G120B	Gear head for MINAS BL GV motors 50W, reduction ratio 120:1, key-way shaft	Lead	7439-92-1
MX8G150B	Gear head for MINAS BL GV motors 50W, reduction ratio 150:1, key-way shaft	Lead	7439-92-1
MX8G15B	Gear head for MINAS BL GV motors 50W, reduction ratio 1:15, key-way shaft	Lead	7439-92-1
MX8G180B	Gear head for MINAS BL GV motors 50W, reduction ratio 180:1, key-way shaft	Lead	7439-92-1
MX8G18B	Gear head for MINAS BL GV motors 50W, reduction ratio 18:1, key-way shaft	Lead	7439-92-1
MX8G20B	Gear head for MINAS BL GV motors 50W, reduction ratio 1:20, key-way shaft	Lead	7439-92-1
MX8G25B	Gear head for MINAS BL GV motors 50W, reduction ratio 25:1, key-way shaft	Lead	7439-92-1
MX8G3.6B	Gear head for MINAS BL GV motors 50W, reduction ratio 3.6:1, key-way shaft	Lead	7439-92-1
MX8G30B	Gear head for MINAS BL GV motors 50W, reduction ratio 1:30, key-way shaft	Lead	7439-92-1
MX8G3B	Gear head for MINAS BL GV motors 50W, reduction ratio 3:1, key-way shaft	Lead	7439-92-1
MX8G50B	Gear head for MINAS BL GV motors 50W, reduction ratio 50:1, key-way shaft	Lead	7439-92-1
MX8G5B	Gear head for MINAS BL GV motors 50W, reduction ratio 5:1, key-way shaft	Lead	7439-92-1
MX8G60B	Gear head for MINAS BL GV motors 50W, reduction ratio 60:1, key-way shaft	Lead	7439-92-1
MX8G6B	Gear head for MINAS BL GV motors 50W, reduction ratio 6:1, key-way shaft	Lead	7439-92-1
MX8G7.5B	Gear head for MINAS BL GV motors 50W, reduction ratio 7.5:1, key-way shaft	Lead	7439-92-1
MX8G75B	Gear head for MINAS BL GV motors 50W, reduction ratio 75:1	Lead	7439-92-1
MX8G90B	Gear head for MINAS BL GV motors 50W, reduction ratio 90:1, key-way shaft	Lead	7439-92-1





### PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
MX8G9B	Gear head for MINAS BL GV motors 50W, reduction ratio 9:1, key-way shaft	Lead	7439-92-1
MX9G100B	Gear box Shin-G Series	Lead	7439-92-1
MX9G100M	Gear box Shin-G Series	Lead	7439-92-1
MX9G10B	Gear box Shin-G Series	Lead	7439-92-1
MX9G10XB	Gear box Shin-G Series	Lead	7439-92-1
MX9G12.5B	Gear box Shin-G Series	Lead	7439-92-1
MX9G120B	Gear box Shin-G Series	Lead	7439-92-1
MX9G120R	Gear box Shin-G Series	Lead	7439-92-1
MX9G150B	Gear box Shin-G Series	Lead	7439-92-1
MX9G15B	Gear box Shin-G Series	Lead	7439-92-1
MX9G15R	Gear box Shin-G Series	Lead	7439-92-1
MX9G180B	Gear box Shin-G Series	Lead	7439-92-1
MX9G180R	Gear box Shin-G Series	Lead	7439-92-1
MX9G18B	Gear box Shin-G Series	Lead	7439-92-1
MX9G18R	Gear box Shin-G Series	Lead	7439-92-1
MX9G20B	Gear box Shin-G Series	Lead	7439-92-1
MX9G25B	Gear box Shin-G Series	Lead	7439-92-1
MX9G3.6B	Gear box Shin-G Series	Lead	7439-92-1
MX9G30B	Gear box Shin-G Series	Lead	7439-92-1
MX9G36B	Gear box Shin-G Series	Lead	7439-92-1
MX9G36R	Gear box Shin-G Series	Lead	7439-92-1
MX9G3B	Gear box Shin-G Series	Lead	7439-92-1
MX9G50B	Gear box Shin-G Series	Lead	7439-92-1
MX9G5B	Gear box Shin-G Series	Lead	7439-92-1
MX9G60B	Gear box Shin-G Series	Lead	7439-92-1
MX9G6B	Gear box Shin-G Series	Lead	7439-92-1
MX9G7.5B	Gear box Shin-G Series	Lead	7439-92-1
MX9G7.5R	Gear box Shin-G Series	Lead	7439-92-1
MX9G75B	Gear box Shin-G Series	Lead	7439-92-1
MX9G75M	Gear box Shin-G Series	Lead	7439-92-1
MX9G75R	Gear box Shin-G Series	Lead	7439-92-1
MX9G90B	Gear box Shin-G Series	Lead	7439-92-1
MX9G9B	Gear box Shin-G Series	Lead	7439-92-1
MY9G100B	Gear box Shin-G Series	Lead	7439-92-1
MY9G10B	Gear box Shin-G Series	Lead	7439-92-1
MY9G12.5B	Gear box Shin-G Series	Lead	7439-92-1
MY9G120B	Gear box Shin-G Series	Lead	7439-92-1
MY9G150B	Gear box Shin-G Series	Lead	7439-92-1
MY9G15B	Gear box Shin-G Series	Lead	7439-92-1
MY9G180B	Gear box Shin-G Series	Lead	7439-92-1
MY9G18B	Gear box Shin-G Series	Lead	7439-92-1
MY9G200B	Gear box Shin-G Series	Lead	7439-92-1
MY9G20B	Gear box Shin-G Series	Lead	7439-92-1
MY9G25B	Gear box Shin-G Series	Lead	7439-92-1
MY9G3.6B	Gear box Shin-G Series	Lead	7439-92-1
MY9G30B	Gear box Shin-G Series	Lead	7439-92-1
MY9G36B	Gear box Shin-G Series	Lead	7439-92-1
MY9G3B	Gear box Shin-G Series	Lead	7439-92-1
MY9G50B	Gear box Shin-G Series	Lead	7439-92-1
MY9G5B	Gear box Shin-G Series	Lead	7439-92-1



## PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
MY9G60B	Gear box Shin-G Series	Lead	7439-92-1
MY9G6B	Gear box Shin-G Series	Lead	7439-92-1
MY9G7.5B	Gear box Shin-G Series	Lead	7439-92-1
MY9G75B	Gear box Shin-G Series	Lead	7439-92-1
MY9G90B	Gear box Shin-G Series	Lead	7439-92-1
MY9G9B	Gear box Shin-G Series	Lead	7439-92-1
MZ9G100B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 100:1, key-way shaft	Lead	7439-92-1
MZ9G10B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 10:1, key-way shaft	Lead	7439-92-1
MZ9G10XB	Gear box Shin-G Series	Lead	7439-92-1
MZ9G12.5B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 12.5:1, key-way shaft	Lead	7439-92-1
MZ9G120B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 120:1, key-way shaft	Lead	7439-92-1
MZ9G120R	Gear box Shin-G Series	Lead	7439-92-1
MZ9G150B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 150:1, key-way shaft	Lead	7439-92-1
MZ9G15B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 15:1, key-way shaft	Lead	7439-92-1
MZ9G15R	Gear box Shin-G Series	Lead	7439-92-1
MZ9G180B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 180:1, key-way shaft	Lead	7439-92-1
MZ9G18B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 18:1, key-way shaft	Lead	7439-92-1
MZ9G200B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 200:1, key-way shaft	Lead	7439-92-1
MZ9G200R	Gear box Shin-G Series	Lead	7439-92-1
MZ9G20B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 20:1, key-way shaft	Lead	7439-92-1
MZ9G25B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 25:1, key-way shaft	Lead	7439-92-1
MZ9G25R	Gear box Shin-G Series	Lead	7439-92-1
MZ9G3.6B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 3.6:1, key-way shaft	Lead	7439-92-1
MZ9G30B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 30:1, key-way shaft	Lead	7439-92-1
MZ9G30R	Gear box Shin-G Series	Lead	7439-92-1
MZ9G36B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 36:1, key-way shaft	Lead	7439-92-1
MZ9G3B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 3:1, key-way shaft	Lead	7439-92-1
MZ9G50B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 50:1, key-way shaft	Lead	7439-92-1
MZ9G5B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 5:1, key-way shaft	Lead	7439-92-1
MZ9G60B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 60:1, key-way shaft	Lead	7439-92-1
MZ9G60R	Gear box Shin-G Series	Lead	7439-92-1
MZ9G6B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 6:1, key-way shaft	Lead	7439-92-1
MZ9G7.5B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 7.5:1, key-way shaft	Lead	7439-92-1
MZ9G7.5R	Gear box Shin-G Series	Lead	7439-92-1
MZ9G75B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 75:1, key-way shaft	Lead	7439-92-1
MZ9G90B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 90:1, key-way shaft	Lead	7439-92-1
MZ9G9B	Gear head for MINAS BL GV motors 90/130W, reduction ratio 9:1, key-way shaft	Lead	7439-92-1
PAXEOS100H	Energy Recovery Ventilation w/ heater function	Lead	7439-92-1
T106AFJ	Toggle switch-T-06 Series; 1-pole; ON-OFF; Solder terminal; Cadmium free	Lead	7439-92-1
T106DFJ	Toggle switch-T-06 Series; 1-pole; ON-ON; Solder terminal; Cadmium free	Lead	7439-92-1
T110AAFJ	T-10 series - Toggle switch	Lead	7439-92-1
T110AULCSAFJ	T-10 series - Toggle switch	Lead	7439-92-1
T110DAFJ	T-10 series - Toggle switch	Lead	7439-92-1
T110DULCSAFJ	T-10 series - Toggle switch	Lead	7439-92-1
T115AAULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115ASULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115AULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115DAULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115DSULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115DULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1

**PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
T115EAULCSAFJ	T-15 series switches - Toggle type	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
T115EAULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115ESULCSAFJ	T-15 series switches - Toggle type	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
T115ESULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115EULCSAFJ	T-15 series switches - Toggle type	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
T115EULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115FAULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115FSULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115FULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115GAULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115GSULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115GULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115HAULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115HSULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T115HULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T206NFJ	T-10 series - Toggle switch	Lead	7439-92-1
T210NAFJ	Toggle switch; 2 pole; ON-ON; solder terminals;	Lead	7439-92-1
T215KAULCSAFJ	T-15-series switches, Toggle type, 2-pole, Cadmium free	Lead	7439-92-1
T215KSULCSAFJ	T-15-series switches, Toggle type, 2-pole, Cadmium free	Lead	7439-92-1
T215KULCSAFJ	T-15-series switches, Toggle type, 2-pole, Cadmium free	Lead	7439-92-1
T215NAULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T215NSULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T215NULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T215PAULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T215PSULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T215RAULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T215SAULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T215SSULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T215SULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T215TAULCSAFJ	T-15 series switches; Toggle switch; Cadmium free	Lead	7439-92-1
T315KAULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T315KSULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T315KULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T315NAULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T315NSULCSAFJ	T-15 series switches - Toggle type	Lead	7439-92-1
T415NAULCSAFJ	Toggle Switch-T15-Serie; 4-pole; ON-ON; 250 Quick-connect terminal; Cadmium free	Lead	7439-92-1
T415PAULCSAFJ	Toggle Switch-T15-Serie; 4-pole; ON-OFF-ON; 250 Quick-connect terminal; Cadmium free	Lead	7439-92-1
TB5590185NJ	Timer, Analog, Synchronus Motor, Day	Lead	7439-92-1
TB5630187NJ	Timer, Analog, Quarz, 300h, Week	Lead	7439-92-1
TB5640185NJ	Timer, Analog, Synchronus Motor, Week	Lead	7439-92-1
TB6210187	Digital Timer, Weekly Program, 1 Channel, 230V AC	Boric acid	10043-35-3
TB6210187	Digital Timer, Weekly Program, 1 Channel, 230V AC	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
TB6210187	Digital Timer, Weekly Program, 1 Channel, 230V AC	Lead titanium zirconium oxide	12626-81-2
TB6210187	Digital Timer, Weekly Program, 1 Channel, 230V AC	Lead	7439-92-1
TB6210187	Digital Timer, Weekly Program, 1 Channel, 230V AC	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
TB6220187	Digital Timer, Weekly Program, 2 Channels, 230V AC	Boric acid	10043-35-3
TB6220187	Digital Timer, Weekly Program, 2 Channels, 230V AC	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
TB6220187	Digital Timer, Weekly Program, 2 Channels, 230V AC	Lead titanium zirconium oxide	12626-81-2
TB6220187	Digital Timer, Weekly Program, 2 Channels, 230V AC	Lead	7439-92-1
TB6220187	Digital Timer, Weekly Program, 2 Channels, 230V AC	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4



## PANASONIC ELECTRIC WORKS EUROPE AG - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
WD1811BJ	Silicon rubber cap; Black; -25°C to +85°C	Dodecamethylcyclohexasiloxane; D6	540-97-6
WD1811BJ	Silicon rubber cap; Black; -25°C to +85°C	Decamethylcyclopentasiloxane (D5)	541-02-6
WD1811BJ	Silicon rubber cap; Black; -25°C to +85°C	Octamethylcyclotetrasiloxane (D4)	556-67-2
WD1811BJ	Silicon rubber cap; Black; -25°C to +85°C	Lead	7439-92-1
WD1811GJ	Silicon rubber cap; Green; -25°C to +85°C	Dodecamethylcyclohexasiloxane; D6	540-97-6
WD1811GJ	Silicon rubber cap; Green; -25°C to +85°C	Decamethylcyclopentasiloxane (D5)	541-02-6
WD1811GJ	Silicon rubber cap; Green; -25°C to +85°C	Octamethylcyclotetrasiloxane (D4)	556-67-2
WD1811GJ	Silicon rubber cap; Green; -25°C to +85°C	Lead	7439-92-1
WD1811RJ	Silicon rubber cap; Red; -25°C to +85°C	Dodecamethylcyclohexasiloxane; D6	540-97-6
WD1811RJ	Silicon rubber cap; Red; -25°C to +85°C	Decamethylcyclopentasiloxane (D5)	541-02-6
WD1811RJ	Silicon rubber cap; Red; -25°C to +85°C	Octamethylcyclotetrasiloxane (D4)	556-67-2
WD1811RJ	Silicon rubber cap; Red; -25°C to +85°C	Lead	7439-92-1
WD1911J	EP rubber cap; Black; 0°C to +40°C	Lead	7439-92-1

## Panasonic Industry Europe GmbH

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To our customers

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Date: February 2021

### Information regarding Art. 33, Art. 67 and Annex XVII of the EC regulation no. 1907/2006 (REACH)

Dear customer,

According to Article 33(1) of regulation (EC) No 1907/2006 (REACH) "Any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1 % weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance".

The Candidate List of "substances of very high concern" (SVHC) as specified by Article 59 of REACH was published for the first time on October 2008 and new substances are added regularly.

Panasonic Industry Europe GmbH is fully aware of its obligations resulting from REACH and intends to comply with the regulation in its entirety. Panasonic Industry Europe has set up a system to comply with the substance restrictions of REACH and fulfill communication obligations to downstream users, providing information on the substances of all products sold by its organization.

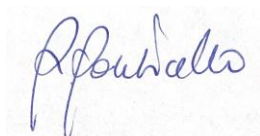
For you as a downstream user, we have placed all information at our disposal regarding our products which contain SVHCs in a concentration above 0.1% w/w, in the list attached to this letter. **For all our products which are not stated in the attached list, we believe to the best of our knowledge that they do not contain any SVHCs with a concentration above 0.1% w/w, and therefore do not need to be communicated according to Article 33.**

Delivered products and product packaging, based on our current knowledge, comply with all requirements of REACH, specifically with the restrictions set forth in Article 67 and Annex XIV & XVII.

Panasonic Industry Europe GmbH is continuously investigating the SVHC content of its products, and if any product status would change, we will take appropriate action to comply with legal requirements.

**Please note: This information applies only to the customers of Panasonic Industry Europe GmbH, and NOT for products from other suppliers from the Panasonic Group.**

Best Regards



Raffaella Ponticello  
Corporate Governance  
Head of Environment & CSR Section

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
2CR-5L/1BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
2CR-5L/1BP	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
2M137A-01BB	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M137A-01BBF	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M137A-01SBF	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M259G-03BBF	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M259G-B4BMG	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M265E-D36MG	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
AMA145905	EQUIPMENT SENSORS	Lead	7439-92-1
AMA145915	EQUIPMENT SENSORS	Lead	7439-92-1
AMBA240207	MOTION SENSOR, MA TYPE	Lead	7439-92-1
AMBA340914	MOTION SENSOR, MA TYPE	Lead	7439-92-1
AMBA3452	MOTION SENSOR, MA TYPE	Lead	7439-92-1
AMBA345215	MOTION SENSOR, MA TYPE	Lead	7439-92-1
AMBA345218	MOTION SENSOR, MA TYPE	Lead	7439-92-1
AMG8833	INFRARED ARRAY SENSOR,GRID-EYE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AMG8834	INFRARED ARRAY SENSOR,GRID-EYE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AMG8853	INFRARED ARRAY SENSOR,GRID-EYE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
BEP-NKJ071M	CHARGER FOR 36V BATTERY	Lead	7439-92-1
BEP-NKY499B2	10UR18650E4 SILVER 36V/8,8AH/F12431891	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BEP-NKY499B2	10UR18650E4 SILVER 36V/8,8AH/F12431891	Lead	7439-92-1
BEP-NKY500B2	10UR18650E5 GOLD 36V/11AH/F12431890	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BEP-NKY500B2	10UR18650E5 GOLD 36V/11AH/F12431890	Lead	7439-92-1
BEP-NKY501B2	10UR18650P5 PLATINUM36V/13,5AH/F12431889	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BEP-NKY501B2	10UR18650P5 PLATINUM36V/13,5AH/F12431889	Lead	7439-92-1
BEP-NKY527B2	LI-ION BATTERY BRONZE 6,6AH/F12432055	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BEP-NKY527B2	LI-ION BATTERY BRONZE 6,6AH/F12432055	Lead	7439-92-1
BJ-A100257AA	LITHIUM ION RECHARGEABLE CYLINDER - TYPE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-A100376AA	LITHIUM ION RECHARGEABLE CYLINDER - TYPE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-A100501AA	LITHIUM ION RECHARGEABLE CYLINDER - TYPE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-A100808AA	UR18650N-HOXLA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
166012055	UR18650NSX; BJ-A100825AA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
F41003022	13UR18650R-4, FACEBOOK	1,6,7,8,9,14,15,16,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
F41003022	13UR18650R-4, FACEBOOK	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6,(1H,3H,5H)-trione; TGIC	2451-62-9
F41003022	13UR18650R-4, FACEBOOK	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
F41003022	13UR18650R-4, FACEBOOK	Lead	7439-92-1
166012380	14UR18650R6 BJ-A1E0032AA	Silicic acid, lead salt	11120-22-2
166012380	14UR18650R6 BJ-A1E0032AA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
166012380	14UR18650R6 BJ-A1E0032AA	Lead	7439-92-1
BJ-A300238AA	NCR18650G-HOB3A	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-A300364AA	NCR18650G-HOHLA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-A300365AA	NCR18650B-HOHS A	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-A300369AA	NCR18650G-HOJ2A	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
166011947	NCR18650G-HOAAA BOE BJ-A300220AA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
166012512	NCR18650GA4 BJ-A300370AA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
166009479	UR18500Y-HO0CA _BN	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
166009844	UR18500Y-HO0KA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-A700022AA	LITHIUM ION RECHARGEABLE CYLINDER - TYPE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-A700047AA	UR18500Y-HO1QA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-A700074AA	LITHIUM ION RECHARGEABLE CYLINDER - TYPE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5



PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
166011309	UR14650R-H00DA BJ-AE00006AA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-AM00025AA	LITHIUM ION RECHARGEABLE CYLINDER - TYPE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-AM00028AA	LITHIUM ION RECHARGEABLE CYLINDER - TYPE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
BJ-CD00011AA	LITHIUM ION RECHARGEABLE PRISMATIC-TYPE	Lead	7439-92-1
166012214	14NCR2170B30-B001A_ECG BJ-DCB06B-AA -DG-	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
166012214	14NCR2170B30-B001A_ECG BJ-DCB06B-AA -DG-	Lead	7439-92-1
166012596	14NCR2170D30-B005A BJ-DCB06D-AF -DG-	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
166012596	14NCR2170D30-B005A BJ-DCB06D-AF -DG-	Lead	7439-92-1
BR-1220/BN	LITHIUM BATTERY	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1220/HEN	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1220/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/F1AN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/HBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/HCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/VDN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1632/DBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1632/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/F2N	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/GUB	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/GUN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/GVFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/GVN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/HEN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/VBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2325/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2325/HCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/1HHN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/F3N	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/GUFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/GUN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/GVFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/HEN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-3032/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-3032/F2N	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1025/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1216/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220/FCN	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220EL/1B	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123AL/1BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123AL/1BP	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-123APA/B	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
CR-123APA/B	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-123PE/1FE	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123PE/1FE	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-123PE/BML	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123PE/BML	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-123PE/BN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123PE/BN	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-123PT/1FE	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123PT/1FE	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-1612/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1616/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1616/F2N	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1620/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1632/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1632/HEN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1632/V1AN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AFNBH	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AFNBH	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2/3AZE23N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZE23N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2/3AZE2PN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZE2PN	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2/3AZE5N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZE5N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2/3AZT7N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZT7N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2/3ZCF2EN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3ZCF2EN	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2012/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2016/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2016/F2N	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2016/VTN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2016/ZBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/BHN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/VTN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/ZBMN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/ZBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/BHS	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/BHTN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/BMS	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/BS	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/F1DN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/F2N	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/F4N	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/F9DN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/GSN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/GUFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/GUN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/GVFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4



**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration &gt; 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
CR-2032/HEN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/HSN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/VS1N	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/VTN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/VTN	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/ZBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/ZBS	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032A/HAN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032A/PAN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032A/PBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032L/1BP	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032L/1FN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032L/2BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032L/ZBS	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2330/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2330/GUFN	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2330/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/GUFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/GUN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354EL/1B	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2412/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450/1FN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450/BS	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450/G1AN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450A/HCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450A/ZBD	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2477/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2477/F2N	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2477/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2477/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2L/1BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2L/1BP	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2PE/BN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2PE/BN	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2PT/1FE	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2PT/1FE	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2ULC3N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2ULC3N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2ULCF2CN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2ULCF2CN	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2UNB/BN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2UNB/BN	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2ZLE5N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2ZLE5N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-2ZNB/BN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
CR-2ZNB/BN	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-3032/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AAU	.	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AAU	.	N,N-dimethylacetamide (DMAC)	127-19-5
CR-AAU/BA	.	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AAU/BA	.	N,N-dimethylacetamide (DMAC)	127-19-5
CR-AAUC3N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AAUC3N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-AAUE34N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AAUE34N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-AAUNB/BN	.	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AAUNB/BN	.	N,N-dimethylacetamide (DMAC)	127-19-5
CR-AGDE23N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AGDE23N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-AGDE5N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AGDE5N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-AGE2N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AGE2N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-AGZE2N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AGZE2N	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-P2L/1BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-P2L/1BP	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-P2PE1/B	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-P2PE1/B	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-P2PEGR/B	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-P2PEGR/B	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CR-P2PJPE/B	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-P2PJPE/B	LITHIUM CYLINDER	N,N-dimethylacetamide (DMAC)	127-19-5
CTL-1616F/BN	LITHIUM ION RECHARGEABLE COIN - TYPE	1,3-Propanesultone	1120-71-4
CTL-920F/BN	LITHIUM ION RECHARGEABLE COIN - TYPE	1,3-Propanesultone	1120-71-4
EVEU11AH508B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVEU22AH512B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVEU28AH508B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVEU38AH508B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVEU42UK516B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVEU44UK508B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVEU45UK516B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVEUEHCG008B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVEV02PH016B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVPAF7B70	MOMENTARY CONTACT SWITCH,LOWER THAN 1KV,	N,N-dimethylacetamide (DMAC)	127-19-5
EVQP6DB35	MOMENTARY CONTACT SWITCH,LOWER THAN 1KV,	N,N-dimethylacetamide (DMAC)	127-19-5
EVQP6LB55	MOMENTARY CONTACT SWITCH,LOWER THAN 1KV,	N,N-dimethylacetamide (DMAC)	127-19-5
EVQP6YB55	MOMENTARY CONTACT SWITCH,LOWER THAN 1KV,	N,N-dimethylacetamide (DMAC)	127-19-5
EWT554GB21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWT554GC21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWT554GE21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWT554GW21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWT554XJ21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWT55MVA21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWT55MWB21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2

PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
EWTS64GC21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS64GF21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS84KL21	ANGULAR RATE SENSOR FOR CAR NAVIGATION S	Lead titanium zirconium oxide	12626-81-2
EWTS86KL21	,	Lead titanium zirconium oxide	12626-81-2
EZTKB22670WD	METALLIZED PLASTIC FILM CAPACITOR, EZT	Lead	7439-92-1
EZTKU25720WA	METALLIZED PLASTIC FILM CAPACITOR, EZT	N,N-dimethylacetamide (DMAC)	127-19-5
EZTKU25720WA	METALLIZED PLASTIC FILM CAPACITOR, EZT	Lead	7439-92-1
EZTRB21950FA	METALLIZED PLASTIC FILM CAPACITOR, EZT	Lead	7439-92-1
EZTVKBGEN3WA	METALLIZED PLASTIC FILM CAPACITOR, EZT	N,N-dimethylacetamide (DMAC)	127-19-5
EZTVKBGEN3WA	METALLIZED PLASTIC FILM CAPACITOR, EZT	Lead	7439-92-1
FC-PBFVD	PERIODIC MAINTENANCEKIT B	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
FC-PBFVD	PERIODIC MAINTENANCEKIT B	Trixylyl phosphate	25155-23-1
FC-PBFVD	PERIODIC MAINTENANCEKIT B	Dodecamethylcyclhexasiloxane; D6	540-97-6
FC-PBFVD	PERIODIC MAINTENANCEKIT B	Decamethylcyclpentasiloxane (D5)	541-02-6
FC-V75HS1AD	Fuel cell unit	Boric acid	10043-35-3
FC-V75HS1AD	Fuel cell unit	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
FC-V75HS1AD	Fuel cell unit	Lead titanium trioxide	12060-00-3
FC-V75HS1AD	Fuel cell unit	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
FC-V75HS1AD	Fuel cell unit	Lead titanium zirconium oxide	12626-81-2
FC-V75HS1AD	Fuel cell unit	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
FC-V75HS1AD	Fuel cell unit	Trixylyl phosphate	25155-23-1
FC-V75HS1AD	Fuel cell unit	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
FC-V75HS1AD	Fuel cell unit	Dodecamethylcyclhexasiloxane; D6	540-97-6
FC-V75HS1AD	Fuel cell unit	Decamethylcyclpentasiloxane (D5)	541-02-6
FC-V75HS1AD	Fuel cell unit	Lead	7439-92-1
FC-V75HS1AD	Fuel cell unit	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
GB-C9HE6FC1	RF BOARD FOR GAS METER	Boric acid	10043-35-3
GB-C9HE6FC1	RF BOARD FOR GAS METER	Lead	7439-92-1
GB-D7CDC2	PRESSURE SENSOR	Hexahydromethylphthalic anhydride	25550-51-0
GB-F9CM62A	ULTRASONIC MEASUREMENT UNIT	Lead titanium zirconium oxide	12626-81-2
GB-F9CM62A	ULTRASONIC MEASUREMENT UNIT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
GB-F9CM6T2A	ULTRASONIC MEASUREMENT UNIT	Lead titanium zirconium oxide	12626-81-2
GB-F9CM6T2A	ULTRASONIC MEASUREMENT UNIT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
M4RA1G4L	AC MOTOR, 1W SINGLE	Lead	7439-92-1
ML-1220/F1AN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-1220/F1BN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-1220/H1AN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-1220/V1AN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-2020/F1AN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-2020/H1BN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-2020/H1CN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-2020/V1AN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-421S/DN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-614S/FN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-621S/DN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-621S/ZTN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-920S/DN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
MT-920/TN	LITHIUM ION RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
NB-A80003AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-A80003AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9



## PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
NB-A90002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-A90002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-AA0002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-AA0002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-AB0003AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-AB0003AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-AC0001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-AC0001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-AD0002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-AD0002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NBASAD1G0630	N-31AP-A(F SIZE)	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C20002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C20002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-C40001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C40001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-C50005AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C50005AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-C500016AA	N-3000CR-SECU	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C500016AA	N-3000CR-SECU	Cadmium	7440-43-9
NB-C500017AA	N-3000CR-SECE	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C500017AA	N-3000CR-SECE	Cadmium	7440-43-9
NB-D50001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-D50001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-H10002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-H10002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-H40001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-H40001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-H40002AA	Nickel Cadmium Storage Battery	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-H40002AA	Nickel Cadmium Storage Battery	Cadmium	7440-43-9
166201904	KR-1600SCH-H003A NB-H400007AA	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
166201904	KR-1600SCH-H003A NB-H400007AA	Cadmium	7440-43-9
NB-H60001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-H60001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-J30001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-J30001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-J40007AA	NICKEL CADMIUM BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-J40007AA	NICKEL CADMIUM BATTERY	Cadmium	7440-43-9
NB-J60006AA	NC-2500SCR-SECE-2	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-J60006AA	NC-2500SCR-SECE-2	Cadmium	7440-43-9
NB-K400017AA	N-1250SCRL-H002A	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K400017AA	N-1250SCRL-H002A	Cadmium	7440-43-9
NB-K400018AA	N-1250SCRL-SECE	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K400018AA	N-1250SCRL-SECE	Cadmium	7440-43-9
NB-K50001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K50001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-K60002AA	Nickel Cadmium Storage Battery	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K60002AA	Nickel Cadmium Storage Battery	Cadmium	7440-43-9
NB-K600019AA	N-1300SCR-H002A	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K600019AA	N-1300SCR-H002A	Cadmium	7440-43-9
NB-K70001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium hydroxide; cadmium dihydroxide	21041-95-2

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
NB-K70001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-K800017AA	N-1700SCR-SECU-3	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K800017AA	N-1700SCR-SECU-3	Cadmium	7440-43-9
NB-K800018AA	N-1700SCR-SECE-2	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K800018AA	N-1700SCR-SECE-2	Cadmium	7440-43-9
NB-N400003AA	GT-3500D-H003A	Cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-N400003AA	GT-3500D-H003A	Cadmium	7440-43-9
NM-EJK3B	N-CONL:NPM-D	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
NM-EJK3B	N-CONL:NPM-D	Lead titanium zirconium oxide	12626-81-2
NM-EJK3B	N-CONL:NPM-D	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
NM-EJK3B	N-CONL:NPM-D	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJK3B	N-CONL:NPM-D	Trixylyl phosphate	25155-23-1
NM-EJK3B	N-CONL:NPM-D	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJK3B	N-CONL:NPM-D	Decamethylcyclopentasiloxane (D5)	541-02-6
NM-EJK3B	N-CONL:NPM-D	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJK3B	N-CONL:NPM-D	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJK3B	N-CONL:NPM-D	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJK3B	N-CONL:NPM-D	Lead	7439-92-1
NM-EJK3B	N-CONL:NPM-D	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJK3B	N-CONL:NPM-D	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJK3B	N-CONL:NPM-D	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJK4B	N-CONR:NPM-D	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
NM-EJK4B	N-CONR:NPM-D	Lead titanium zirconium oxide	12626-81-2
NM-EJK4B	N-CONR:NPM-D	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
NM-EJK4B	N-CONR:NPM-D	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJK4B	N-CONR:NPM-D	Trixylyl phosphate	25155-23-1
NM-EJK4B	N-CONR:NPM-D	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJK4B	N-CONR:NPM-D	Decamethylcyclopentasiloxane (D5)	541-02-6
NM-EJK4B	N-CONR:NPM-D	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJK4B	N-CONR:NPM-D	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJK4B	N-CONR:NPM-D	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJK4B	N-CONR:NPM-D	Lead	7439-92-1
NM-EJK4B	N-CONR:NPM-D	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJK4B	N-CONR:NPM-D	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJK4B	N-CONR:NPM-D	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM4D	AM100	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
NM-EJM4D	AM100	Boric acid	10043-35-3
NM-EJM4D	AM100	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
NM-EJM4D	AM100	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
NM-EJM4D	AM100	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	111-15-9
NM-EJM4D	AM100	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJM4D	AM100	Lead titanium trioxide	12060-00-3
NM-EJM4D	AM100	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
NM-EJM4D	AM100	Lead titanium zirconium oxide	12626-81-2
NM-EJM4D	AM100	N,N-dimethylacetamide (DMAC)	127-19-5
NM-EJM4D	AM100	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJM4D	AM100	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
NM-EJM4D	AM100	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
NM-EJM4D	AM100	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJM4D	AM100	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM4D	AM100	Trixylyl phosphate	25155-23-1
NM-EJM4D	AM100	Dodecamethylcyclotetrasiloxane; D6	540-97-6
NM-EJM4D	AM100	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJM4D	AM100	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJM4D	AM100	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJM4D	AM100	Lead	7439-92-1
NM-EJM4D	AM100	Acrylamide	79-06-1
NM-EJM4D	AM100	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM4D	AM100	Dibutyl phthalate (DBP)	84-74-2
NM-EJM4D	AM100	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJM4D	AM100	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJM4D	AM100	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM4D	AM100	4-tert-butylphenol	98-54-4
NM-EJM4D	AM100	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Boric acid	10043-35-3
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Cobalt nitrate	10141-05-6
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Lead titanium trioxide	12060-00-3
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Lead titanium zirconium oxide	12626-81-2
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Trixylyl phosphate	25155-23-1
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Lead	7439-92-1
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Acrylamide	79-06-1
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Dibutyl phthalate (DBP)	84-74-2
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	4-tert-butylphenol	98-54-4
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Boric acid	10043-35-3
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Cobalt nitrate	10141-05-6
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Lead titanium trioxide	12060-00-3
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Lead titanium zirconium oxide	12626-81-2
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Trixylyl phosphate	25155-23-1
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Lead	7439-92-1
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Acrylamide	79-06-1
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Dibutyl phthalate (DBP)	84-74-2
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	4-tert-butylphenol	98-54-4
NM-EJM6D-MD	NPM-D3 (MOUNT + DISPENSE)	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Boric acid	10043-35-3
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Cobalt nitrate	10141-05-6
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	111-15-9
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Lead titanium trioxide	12060-00-3
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Lead titanium zirconium oxide	12626-81-2
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	N,N-dimethylacetamide (DMAC)	127-19-5
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Trixylyl phosphate	25155-23-1
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Lead	7439-92-1
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Acrylamide	79-06-1
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Dibutyl phthalate (DBP)	84-74-2
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	4-tert-butylphenol	98-54-4
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
NM-EJM8D	NPM-DX	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
NM-EJM8D	NPM-DX	Boric acid	10043-35-3
NM-EJM8D	NPM-DX	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
NM-EJM8D	NPM-DX	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	111-15-9
NM-EJM8D	NPM-DX	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJM8D	NPM-DX	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
NM-EJM8D	NPM-DX	Lead titanium trioxide	12060-00-3
NM-EJM8D	NPM-DX	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
NM-EJM8D	NPM-DX	Lead titanium zirconium oxide	12626-81-2
NM-EJM8D	NPM-DX	N,N-dimethylacetamide (DMAC)	127-19-5
NM-EJM8D	NPM-DX	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJM8D	NPM-DX	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9



**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
NM-EJM8D	NPM-DX	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJM8D	NPM-DX	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM8D	NPM-DX	Trixylyl phosphate	25155-23-1
NM-EJM8D	NPM-DX	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJM8D	NPM-DX	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJM8D	NPM-DX	Decamethylcyclopentasiloxane (D5)	541-02-6
NM-EJM8D	NPM-DX	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJM8D	NPM-DX	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJM8D	NPM-DX	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJM8D	NPM-DX	Lead	7439-92-1
NM-EJM8D	NPM-DX	Acrylamide	79-06-1
NM-EJM8D	NPM-DX	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM8D	NPM-DX	Dibutyl phthalate (DBP)	84-74-2
NM-EJM8D	NPM-DX	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJM8D	NPM-DX	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJM8D	NPM-DX	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM8D	NPM-DX	4-tert-butylphenol	98-54-4
NM-EJM8D	NPM-DX	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
NM-EJM9D	NPM-WX	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
NM-EJM9D	NPM-WX	Boric acid	10043-35-3
NM-EJM9D	NPM-WX	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
NM-EJM9D	NPM-WX	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	111-15-9
NM-EJM9D	NPM-WX	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJM9D	NPM-WX	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
NM-EJM9D	NPM-WX	Lead titanium trioxide	12060-00-3
NM-EJM9D	NPM-WX	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
NM-EJM9D	NPM-WX	Lead titanium zirconium oxide	12626-81-2
NM-EJM9D	NPM-WX	N,N-dimethylacetamide (DMAC)	127-19-5
NM-EJM9D	NPM-WX	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJM9D	NPM-WX	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
NM-EJM9D	NPM-WX	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
NM-EJM9D	NPM-WX	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJM9D	NPM-WX	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM9D	NPM-WX	Trixylyl phosphate	25155-23-1
NM-EJM9D	NPM-WX	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJM9D	NPM-WX	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJM9D	NPM-WX	Decamethylcyclopentasiloxane (D5)	541-02-6
NM-EJM9D	NPM-WX	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJM9D	NPM-WX	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJM9D	NPM-WX	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJM9D	NPM-WX	Lead	7439-92-1
NM-EJM9D	NPM-WX	Acrylamide	79-06-1
NM-EJM9D	NPM-WX	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM9D	NPM-WX	Dibutyl phthalate (DBP)	84-74-2
NM-EJM9D	NPM-WX	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJM9D	NPM-WX	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJM9D	NPM-WX	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM9D	NPM-WX	4-tert-butylphenol	98-54-4

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
NM-EJM9D	NPM-WX	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
NM-EJP1B	SPG2:SCREEN PRINTER	Cobalt nitrate	10141-05-6
NM-EJP1B	SPG2:SCREEN PRINTER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
NM-EJP1B	SPG2:SCREEN PRINTER	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
NM-EJP1B	SPG2:SCREEN PRINTER	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	111-15-9
NM-EJP1B	SPG2:SCREEN PRINTER	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJP1B	SPG2:SCREEN PRINTER	Lead titanium trioxide	12060-00-3
NM-EJP1B	SPG2:SCREEN PRINTER	Lead titanium zirconium oxide	12626-81-2
NM-EJP1B	SPG2:SCREEN PRINTER	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJP1B	SPG2:SCREEN PRINTER	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJP1B	SPG2:SCREEN PRINTER	Trixylyl phosphate	25155-23-1
NM-EJP1B	SPG2:SCREEN PRINTER	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJP1B	SPG2:SCREEN PRINTER	Tris(nonylphenyl) phosphite <<Note: Included in Candidate List of Substances of Very High Concern for Authorisation under REACH(SVHC) if the following conditions apply. [with >= 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)]>>	26523-78-4
NM-EJP1B	SPG2:SCREEN PRINTER	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJP1B	SPG2:SCREEN PRINTER	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJP1B	SPG2:SCREEN PRINTER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJP1B	SPG2:SCREEN PRINTER	Lead	7439-92-1
NM-EJP1B	SPG2:SCREEN PRINTER	Acrylamide	79-06-1
NM-EJP1B	SPG2:SCREEN PRINTER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJP1B	SPG2:SCREEN PRINTER	Dibutyl phthalate (DBP)	84-74-2
NM-EJP1B	SPG2:SCREEN PRINTER	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJP1B	SPG2:SCREEN PRINTER	Benzyl butyl phthalate (BBP)	85-68-7
NM-EJP1B	SPG2:SCREEN PRINTER	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJP1B	SPG2:SCREEN PRINTER	4-tert-butylphenol	98-54-4
NM-EJP6A	SPG:SCREEN PRINTER	Boric acid	10043-35-3
NM-EJP6A	SPG:SCREEN PRINTER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
NM-EJP6A	SPG:SCREEN PRINTER	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	111-15-9
NM-EJP6A	SPG:SCREEN PRINTER	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJP6A	SPG:SCREEN PRINTER	N,N-dimethylacetamide (DMAC)	127-19-5
NM-EJP6A	SPG:SCREEN PRINTER	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJP6A	SPG:SCREEN PRINTER	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
NM-EJP6A	SPG:SCREEN PRINTER	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJP6A	SPG:SCREEN PRINTER	Trixylyl phosphate	25155-23-1
NM-EJP6A	SPG:SCREEN PRINTER	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJP6A	SPG:SCREEN PRINTER	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJP6A	SPG:SCREEN PRINTER	Octamethylcyclotetrasiloxane (D4)	556-67-2

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
NM-EJP6A	SPG:SCREEN PRINTER	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJP6A	SPG:SCREEN PRINTER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJP6A	SPG:SCREEN PRINTER	Lead	7439-92-1
NM-EJP6A	SPG:SCREEN PRINTER	Acrylamide	79-06-1
NM-EJP6A	SPG:SCREEN PRINTER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJP6A	SPG:SCREEN PRINTER	Dibutyl phthalate (DBP)	84-74-2
NM-EJP6A	SPG:SCREEN PRINTER	Benzyl butyl phthalate (BBP)	85-68-7
NM-EJP6A	SPG:SCREEN PRINTER	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJP6A	SPG:SCREEN PRINTER	4-tert-butylphenol	98-54-4
NM-EJP9A	SPV-DC:SCREEN PRINTER	Boric acid	10043-35-3
NM-EJP9A	SPV-DC:SCREEN PRINTER	Cobalt nitrate	10141-05-6
NM-EJP9A	SPV-DC:SCREEN PRINTER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
NM-EJP9A	SPV-DC:SCREEN PRINTER	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJP9A	SPV-DC:SCREEN PRINTER	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
NM-EJP9A	SPV-DC:SCREEN PRINTER	Lead titanium zirconium oxide	12626-81-2
NM-EJP9A	SPV-DC:SCREEN PRINTER	N,N-dimethylacetamide (DMAC)	127-19-5
NM-EJP9A	SPV-DC:SCREEN PRINTER	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
NM-EJP9A	SPV-DC:SCREEN PRINTER	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJP9A	SPV-DC:SCREEN PRINTER	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJP9A	SPV-DC:SCREEN PRINTER	Trixylyl phosphate	25155-23-1
NM-EJP9A	SPV-DC:SCREEN PRINTER	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJP9A	SPV-DC:SCREEN PRINTER	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJP9A	SPV-DC:SCREEN PRINTER	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJP9A	SPV-DC:SCREEN PRINTER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJP9A	SPV-DC:SCREEN PRINTER	Lead	7439-92-1
NM-EJP9A	SPV-DC:SCREEN PRINTER	Acrylamide	79-06-1
NM-EJP9A	SPV-DC:SCREEN PRINTER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJP9A	SPV-DC:SCREEN PRINTER	Dibutyl phthalate (DBP)	84-74-2
NM-EJP9A	SPV-DC:SCREEN PRINTER	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJP9A	SPV-DC:SCREEN PRINTER	Benzyl butyl phthalate (BBP)	85-68-7
NM-EJP9A	SPV-DC:SCREEN PRINTER	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJP9A	SPV-DC:SCREEN PRINTER	4-tert-butylphenol	98-54-4
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Boric acid	10043-35-3
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Cobalt nitrate	10141-05-6
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	111-15-9
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Lead titanium trioxide	12060-00-3
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Lead titanium zirconium oxide	12626-81-2
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	N,N-dimethylacetamide (DMAC)	127-19-5

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Trixylyl phosphate	25155-23-1
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Dodecamethylcyclohexasiloxane; D6	540-97-6
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Decamethylcyclopentasiloxane (D5)	541-02-6
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Lead	7439-92-1
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Acrylamide	79-06-1
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Dibutyl phthalate (DBP)	84-74-2
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJR9A	NPM-VF ODD-FORM COMP. INSERTION MACHINE	4-tert-butylphenol	98-54-4
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	Boric acid	10043-35-3
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	Lead titanium zirconium oxide	12626-81-2
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	Trixylyl phosphate	25155-23-1
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	Lead	7439-92-1
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	Acrylamide	79-06-1
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJW8A	IFMU:INTELLIGENT FEEDER MAINTENANCE UNIT	Dibutyl phthalate (DBP)	84-74-2
PM266E-196MG	.	Boric acid	10043-35-3
PM266E-B45MG	.	Boric acid	10043-35-3
PM266E-B46MG	.	Boric acid	10043-35-3
PM60AL-03LSR	MAGNETRON 6kW	Boric acid	10043-35-3
RP-SDF02GSJ3	SD CARDS	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
RP-SDF02GSJ3	SD CARDS	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
RP-SDFC08DE1	SD CARDS	Lead	7439-92-1
RP-SDPC08FT1	SD CARDS	Lead	7439-92-1
RP-SMSC02DE1	SD CARDS	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
RP-SMSC04DE1	SD CARDS	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
UD-7900N14EU	AUTOMATIC TLB READER.	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	111-15-9
UD-7900N14EU	AUTOMATIC TLB READER.	2-benzyl-2-dimethylamino-4'-morpholinobutrophenone	119313-12-1
UD-7900N14EU	AUTOMATIC TLB READER.	N,N-dimethylacetamide (DMAC)	127-19-5
UD-7900N14EU	AUTOMATIC TLB READER.	Diarsenic trioxide; arsenic trioxide	1327-53-3



PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
UD-7900N14EU	AUTOMATIC TLB READER.	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
UD-7900N14EU	AUTOMATIC TLB READER.	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
UD-7900N14EU	AUTOMATIC TLB READER.	Trixylyl phosphate	25155-23-1
UD-7900N14EU	AUTOMATIC TLB READER.	Dodecamethylcyclohexasiloxane; D6	540-97-6
UD-7900N14EU	AUTOMATIC TLB READER.	Decamethylcyclopentasiloxane (D5)	541-02-6
UD-7900N14EU	AUTOMATIC TLB READER.	Octamethylcyclotetrasiloxane (D4)	556-67-2
UD-7900N14EU	AUTOMATIC TLB READER.	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
UD-7900N14EU	AUTOMATIC TLB READER.	Lead	7439-92-1
UD-7900N14EU	AUTOMATIC TLB READER.	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
UD-802AQ-E	Dosimeter	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
UD-802AT-D	TLD 4 element - barcoded	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
UD-807AT-E	Extremity TLD	Tris(nonylphenyl) phosphite <<Note: Included in Candidate List of Substances of Very High Concern for Authorisation under REACH(SVHC) if the following conditions apply. [with >= 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)]>>	26523-78-4
UDQF45C02-VR	LED COOLING FAN	Lead	7439-92-1
UDQF4EH46-FT	MPU COOLING FAN	Lead	7439-92-1
UDQF56C01CVL	LED COOLING FAN	Lead	7439-92-1
UDQF56C02CVL	LED COOLING FAN	Lead	7439-92-1
UDQF56C03CVL	LED COOLING FAN	Lead	7439-92-1
UDQF56C04CVL	LED COOLING FAN	Lead	7439-92-1
UDQF56C05CVL	LED COOLING FAN	Lead	7439-92-1
UDQF5JC01CVL	LED COOLING FAN	Lead	7439-92-1
UDQF5JC07CVL	LED COOLING FAN	Lead	7439-92-1
UDQF5JC08CVL	LED COOLING FAN	Lead	7439-92-1
UDQFH2H11LAE	MPU COOLING FAN	Lead	7439-92-1
UDQFZPS01CAV	MPU COOLING FAN	Lead	7439-92-1
UDQFZPS02CAV	MPU COOLING FAN	Lead	7439-92-1
UD-SE716X003	PM3 unit	Boric acid	10043-35-3
UD-SE716X003	PM3 unit	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
UD-SE716X003	PM3 unit	Lead	7439-92-1
UD-SE716X003	PM3 unit	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
UD-SE716X006	No.Code Reader	Boric acid	10043-35-3
UD-SE716X006	No.Code Reader	Lead	7439-92-1
UD-SE716X019	.	Boric acid	10043-35-3
UD-SE716X019	.	Lead	7439-92-1
UD-SE716X023	PM1 unit	Boric acid	10043-35-3
UD-SE716X025	Heating Lamp	Boric acid	10043-35-3
UD-SE716X035	.	Boric acid	10043-35-3
UD-SE716X035	.	Lead	7439-92-1
UD-SE716X039	Front Panel (Pack of 10)	Boric acid	10043-35-3
UD-SE7900004	Guide Roller set	Boric acid	10043-35-3
UD-SE7900007	Protect glass	Boric acid	10043-35-3
UD-SE7900009	No.Lamp board	Boric acid	10043-35-3
UD-SE7900011	No.Code Reader	Boric acid	10043-35-3
UD-SE7900011	No.Code Reader	Lead	7439-92-1

PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
UD-SE7900012	PMT Head kit	Boric acid	10043-35-3
UD-SE7900013	Push-up Rod unit	Boric acid	10043-35-3
UD-SE7900013	Push-up Rod unit	Lead	7439-92-1
UD-SE7900015	Card carrier unit	Boric acid	10043-35-3
UD-SE7900016	Main Housing	Boric acid	10043-35-3
UD-SE7900017	Sub Housing	Boric acid	10043-35-3
UD-SE7900019	.	Boric acid	10043-35-3
UD-SE7900019	.	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
UD-SE7900019	.	Lead	7439-92-1
UD-SE7900020	.	Boric acid	10043-35-3
UD-SE7900020	.	Lead	7439-92-1
UD-SE7900035	.	Boric acid	10043-35-3
UD-SE7900043	PM1 UNIT	Boric acid	10043-35-3
UD-SE7900044	Heating Lamp	Boric acid	10043-35-3
UD-SE7900045	Silicone Filter	Boric acid	10043-35-3
UD-SE7900052	SUB HOUSING	Boric acid	10043-35-3
UD-SE794X013	Push-up Rod unit	Boric acid	10043-35-3
UD-SE794X014	Push Up Drive Motor	Boric acid	10043-35-3
UD-SE794X014	Push Up Drive Motor	Decamethylcyclopentasiloxane (D5)	541-02-6
UD-SE794X015	Housing unit	Boric acid	10043-35-3
UD-SE794X015	Housing unit	Lead	7439-92-1
VL-1220/FCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-1220/HFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-1220/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/HFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/P1BB	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/P1GB	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2320/HFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2320/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/F3N	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/HFEN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/HFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/VCEN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-3032/F2N	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-3032/GUFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-3032/HF5N	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-3032/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-621/DN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
YA-1AH011T0T	TORCH HOLDER	Benzo[ghi]perylene	191-24-2
YA-1AH011T0T	TORCH HOLDER	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1AH011T0T	TORCH HOLDER	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1AH011T0T	TORCH HOLDER	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1AH011T0T	TORCH HOLDER	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1AH011T0T	TORCH HOLDER	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1AH011T0T	TORCH HOLDER	Phenanthrene	85-01-8
YA-1APET1	TIG RELAY P.C. BOARD UNIT	Lead	7439-92-1
YA-1NPEA1	ANALOG CARD	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1NPEA1	ANALOG CARD	Lead	7439-92-1



PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1NP001	ETHERNET MODULE	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1NP001	ETHERNET MODULE	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1NP001	ETHERNET MODULE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1NP001	ETHERNET MODULE	Lead	7439-92-1
YA-1RJB12Y00	POSITIONER 250KG	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1RJB12Y00	POSITIONER 250KG	Lead	7439-92-1
YA-1RJB12Y00	POSITIONER 250KG	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1RJB12Y01	POSITIONER 250KG LEFT CONNECTOR	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1RJB12Y01	POSITIONER 250KG LEFT CONNECTOR	Lead	7439-92-1
YA-1RJB12Y01	POSITIONER 250KG LEFT CONNECTOR	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1RJB22Y00	POSITIONER 500KG	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1RJB22Y00	POSITIONER 500KG	Lead	7439-92-1
YA-1RJB22Y00	POSITIONER 500KG	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1RJB22Y01	POSITIONER 500KG	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1RJB22Y01	POSITIONER 500KG	Lead	7439-92-1
YA-1RJB22Y01	POSITIONER 500KG	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1RJB22Y02	1-AXIS ROTATING POSITIONER	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1RJB22Y02	1-AXIS ROTATING POSITIONER	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1RJB22Y02	1-AXIS ROTATING POSITIONER	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1RJB22Y02	1-AXIS ROTATING POSITIONER	Hexahydromethylphthalic anhydride	25550-51-0
YA-1RJB22Y02	1-AXIS ROTATING POSITIONER	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1RJB22Y02	1-AXIS ROTATING POSITIONER	Lead	7439-92-1
YA-1RJB22Y02	1-AXIS ROTATING POSITIONER	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1RJB22Y02	1-AXIS ROTATING POSITIONER	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1RJB32Y00	POSITIONER 1000KG	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1RJB32Y00	POSITIONER 1000KG	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1RJB32Y00	POSITIONER 1000KG	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1RJB32Y00	POSITIONER 1000KG	Hexahydromethylphthalic anhydride	25550-51-0
YA-1RJB32Y00	POSITIONER 1000KG	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1RJB32Y00	POSITIONER 1000KG	Lead	7439-92-1
YA-1RJB32Y00	POSITIONER 1000KG	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1RJB32Y00	POSITIONER 1000KG	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1RJB32Y01	POSITIONER 1000KG	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1RJB32Y01	POSITIONER 1000KG	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1RJB32Y01	POSITIONER 1000KG	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1RJB32Y01	POSITIONER 1000KG	Hexahydromethylphthalic anhydride	25550-51-0
YA-1RJB32Y01	POSITIONER 1000KG	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1RJB32Y01	POSITIONER 1000KG	Lead	7439-92-1
YA-1RJB32Y01	POSITIONER 1000KG	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1RJB32Y01	POSITIONER 1000KG	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1RJC62Y00	2 AXES POSITIONER 300KG	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1RJC62Y00	2 AXES POSITIONER 300KG	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Hexahydromethylphthalic anhydride	25550-51-0
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Lead	7439-92-1
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1RJC62Y00	2 AXES POSITIONER 300KG	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1RJC62Y00	2 AXES POSITIONER 300KG	4-tert-butylphenol	98-54-4

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1RJC72Y00	TWO AXIS POSITIONER	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1RJC72Y00	TWO AXIS POSITIONER	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1RJC72Y00	TWO AXIS POSITIONER	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1RJC72Y00	TWO AXIS POSITIONER	Hexahydromethylphthalic anhydride	25550-51-0
YA-1RJC72Y00	TWO AXIS POSITIONER	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1RJC72Y00	TWO AXIS POSITIONER	Lead	7439-92-1
YA-1RJC72Y00	TWO AXIS POSITIONER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1RJC72Y00	TWO AXIS POSITIONER	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1RJC72Y00	TWO AXIS POSITIONER	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1RJC72Y00	TWO AXIS POSITIONER	4-tert-butylphenol	98-54-4
YA-1TD351E03	Welding Power Unit (350A)	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1TD351E03	Welding Power Unit (350A)	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1TD351E03	Welding Power Unit (350A)	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1TD351E03	Welding Power Unit (350A)	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1TD351E03	Welding Power Unit (350A)	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1TD351E03	Welding Power Unit (350A)	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1TD351E03	Welding Power Unit (350A)	Benzo[ghi]perylene	191-24-2
YA-1TD351E03	Welding Power Unit (350A)	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1TD351E03	Welding Power Unit (350A)	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1TD351E03	Welding Power Unit (350A)	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1TD351E03	Welding Power Unit (350A)	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1TD351E03	Welding Power Unit (350A)	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1TD351E03	Welding Power Unit (350A)	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1TD351E03	Welding Power Unit (350A)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1TD351E03	Welding Power Unit (350A)	Lead	7439-92-1
YA-1TD351E03	Welding Power Unit (350A)	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1TD351E03	Welding Power Unit (350A)	Phenanthrene	85-01-8
YA-1UPEG1	CC LINK FUNCTION	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1UPEG1	CC LINK FUNCTION	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1UPEG1	CC LINK FUNCTION	Lead	7439-92-1
YA-1UPEK1	TERMINAL BLOCK UNIT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1UPEK1	TERMINAL BLOCK UNIT	Lead	7439-92-1
YA-1UPEL1	ETHERNET IP SLAVE MODULE	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1UPEL1	ETHERNET IP SLAVE MODULE	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1UPEL1	ETHERNET IP SLAVE MODULE	Lead	7439-92-1
YA-1UPER1E00	EXTERNAL RELAY UNIT	Lead	7439-92-1
YA-1UPER1E00	EXTERNAL RELAY UNIT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1UPEU1	PROFINET IO	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1UPEU1	PROFINET IO	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1UPEU1	PROFINET IO	Lead	7439-92-1
YA-1UPJA1	TWIN HARMONIZER	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1UPJA1	TWIN HARMONIZER	Benzo[ghi]perylene	191-24-2
YA-1UPJA1	TWIN HARMONIZER	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1UPJA1	TWIN HARMONIZER	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1UPJA1	TWIN HARMONIZER	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1UPJA1	TWIN HARMONIZER	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1UPJA1	TWIN HARMONIZER	Lead	7439-92-1
YA-1UPJA1	TWIN HARMONIZER	Phenanthrene	85-01-8





PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1VAR61E00	TM1400G3 CE	Boric acid	10043-35-3
YA-1VAR61E00	TM1400G3 CE	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1VAR61E00	TM1400G3 CE	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1VAR61E00	TM1400G3 CE	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1VAR61E00	TM1400G3 CE	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
YA-1VAR61E00	TM1400G3 CE	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1VAR61E00	TM1400G3 CE	Benzo[ghi]perylene	191-24-2
YA-1VAR61E00	TM1400G3 CE	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1VAR61E00	TM1400G3 CE	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1VAR61E00	TM1400G3 CE	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1VAR61E00	TM1400G3 CE	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VAR61E00	TM1400G3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VAR61E00	TM1400G3 CE	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1VAR61E00	TM1400G3 CE	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1VAR61E00	TM1400G3 CE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1VAR61E00	TM1400G3 CE	Lead	7439-92-1
YA-1VAR61E00	TM1400G3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VAR61E00	TM1400G3 CE	Phenanthrene	85-01-8
YA-1VAR61E00	TM1400G3 CE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1VAR61E00	TM1400G3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1VAR61E00	TM1400G3 CE	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Benzo[ghi]perylene	191-24-2
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Lead	7439-92-1
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Phenanthrene	85-01-8
YA-1VPEV1	SAFETY MONITOR FUNCTION	Benzo[ghi]perylene	191-24-2
YA-1VPEV1	SAFETY MONITOR FUNCTION	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1VPEV1	SAFETY MONITOR FUNCTION	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1VPEV1	SAFETY MONITOR FUNCTION	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1VPEV1	SAFETY MONITOR FUNCTION	Lead	7439-92-1
YA-1VPEV1	SAFETY MONITOR FUNCTION	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1VPEV1	SAFETY MONITOR FUNCTION	Phenanthrene	85-01-8
YA-1VPUA1T02	SERVO AMP UNIT 750W	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1VPUA1T02	SERVO AMP UNIT 750W	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1VPUA1T02	SERVO AMP UNIT 750W	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1VPUA1T02	SERVO AMP UNIT 750W	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1VPUA1T02	SERVO AMP UNIT 750W	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VPUA1T02	SERVO AMP UNIT 750W	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VPUA1T02	SERVO AMP UNIT 750W	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1VPUA1T02	SERVO AMP UNIT 750W	Lead	7439-92-1
YA-1VPUA1T02	SERVO AMP UNIT 750W	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Lead	7439-92-1
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1VPUA1T04	SERVO AMP UNIT 2KW	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VPUA1T04	SERVO AMP UNIT 2KW	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Lead	7439-92-1
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Lead	7439-92-1
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VW031	CABLE FIX UNIT TIG TM1400	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR61E00	TM1400WG3	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR61E00	TM1400WG3	Boric acid	10043-35-3
YA-1WAR61E00	TM1400WG3	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR61E00	TM1400WG3	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR61E00	TM1400WG3	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR61E00	TM1400WG3	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR61E00	TM1400WG3	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR61E00	TM1400WG3	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR61E00	TM1400WG3	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR61E00	TM1400WG3	Benzo[ghi]perylene	191-24-2
YA-1WAR61E00	TM1400WG3	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR61E00	TM1400WG3	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR61E00	TM1400WG3	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR61E00	TM1400WG3	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR61E00	TM1400WG3	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR61E00	TM1400WG3	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61E00	TM1400WG3	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR61E00	TM1400WG3	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR61E00	TM1400WG3	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR61E00	TM1400WG3	Lead	7439-92-1
YA-1WAR61E00	TM1400WG3	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61E00	TM1400WG3	Phenanthrene	85-01-8
YA-1WAR61E00	TM1400WG3	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR61E00	TM1400WG3	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61E00	TM1400WG3	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR61E0G	TA-1600WG3 CE	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR61E0G	TA-1600WG3 CE	Boric acid	10043-35-3
YA-1WAR61E0G	TA-1600WG3 CE	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR61E0G	TA-1600WG3 CE	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR61E0G	TA-1600WG3 CE	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR61E0G	TA-1600WG3 CE	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR61E0G	TA-1600WG3 CE	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR61E0G	TA-1600WG3 CE	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR61E0G	TA-1600WG3 CE	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR61E0G	TA-1600WG3 CE	Benzo[ghi]perylene	191-24-2
YA-1WAR61E0G	TA-1600WG3 CE	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR61E0G	TA-1600WG3 CE	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR61E0G	TA-1600WG3 CE	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR61E0G	TA-1600WG3 CE	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR61E0G	TA-1600WG3 CE	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR61E0G	TA-1600WG3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61E0G	TA-1600WG3 CE	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR61E0G	TA-1600WG3 CE	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR61E0G	TA-1600WG3 CE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR61E0G	TA-1600WG3 CE	Lead	7439-92-1
YA-1WAR61E0G	TA-1600WG3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR61E0G	TA-1600WG3 CE	Phenanthrene	85-01-8
YA-1WAR61E0G	TA-1600WG3 CE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR61E0G	TA-1600WG3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61E0G	TA-1600WG3 CE	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR61E20	TM-1400WG3 for Super AWP	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR61E20	TM-1400WG3 for Super AWP	Boric acid	10043-35-3
YA-1WAR61E20	TM-1400WG3 for Super AWP	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR61E20	TM-1400WG3 for Super AWP	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR61E20	TM-1400WG3 for Super AWP	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR61E20	TM-1400WG3 for Super AWP	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR61E20	TM-1400WG3 for Super AWP	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR61E20	TM-1400WG3 for Super AWP	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR61E20	TM-1400WG3 for Super AWP	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR61E20	TM-1400WG3 for Super AWP	Benzo[ghi]perylene	191-24-2
YA-1WAR61E20	TM-1400WG3 for Super AWP	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR61E20	TM-1400WG3 for Super AWP	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR61E20	TM-1400WG3 for Super AWP	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR61E20	TM-1400WG3 for Super AWP	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR61E20	TM-1400WG3 for Super AWP	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR61E20	TM-1400WG3 for Super AWP	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61E20	TM-1400WG3 for Super AWP	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR61E20	TM-1400WG3 for Super AWP	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR61E20	TM-1400WG3 for Super AWP	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR61E20	TM-1400WG3 for Super AWP	Lead	7439-92-1
YA-1WAR61E20	TM-1400WG3 for Super AWP	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61E20	TM-1400WG3 for Super AWP	Phenanthrene	85-01-8
YA-1WAR61E20	TM-1400WG3 for Super AWP	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR61E20	TM-1400WG3 for Super AWP	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61E20	TM-1400WG3 for Super AWP	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR61E22	ROBOT	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR61E22	ROBOT	Boric acid	10043-35-3
YA-1WAR61E22	ROBOT	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR61E22	ROBOT	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR61E22	ROBOT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR61E22	ROBOT	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR61E22	ROBOT	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR61E22	ROBOT	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR61E22	ROBOT	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR61E22	ROBOT	Benzo[ghi]perylene	191-24-2
YA-1WAR61E22	ROBOT	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR61E22	ROBOT	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR61E22	ROBOT	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR61E22	ROBOT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR61E22	ROBOT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR61E22	ROBOT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61E22	ROBOT	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR61E22	ROBOT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR61E22	ROBOT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR61E22	ROBOT	Lead	7439-92-1
YA-1WAR61E22	ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61E22	ROBOT	Phenanthrene	85-01-8
YA-1WAR61E22	ROBOT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR61E22	ROBOT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61E22	ROBOT	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR61EH0	Robot TM-1400WGH3	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR61EH0	Robot TM-1400WGH3	Boric acid	10043-35-3
YA-1WAR61EH0	Robot TM-1400WGH3	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR61EH0	Robot TM-1400WGH3	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR61EH0	Robot TM-1400WGH3	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR61EH0	Robot TM-1400WGH3	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR61EH0	Robot TM-1400WGH3	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR61EH0	Robot TM-1400WGH3	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR61EH0	Robot TM-1400WGH3	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR61EH0	Robot TM-1400WGH3	Benzo[ghi]perylene	191-24-2
YA-1WAR61EH0	Robot TM-1400WGH3	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR61EH0	Robot TM-1400WGH3	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR61EH0	Robot TM-1400WGH3	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR61EH0	Robot TM-1400WGH3	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR61EH0	Robot TM-1400WGH3	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR61EH0	Robot TM-1400WGH3	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61EH0	Robot TM-1400WGH3	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR61EH0	Robot TM-1400WGH3	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR61EH0	Robot TM-1400WGH3	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR61EH0	Robot TM-1400WGH3	Lead	7439-92-1
YA-1WAR61EH0	Robot TM-1400WGH3	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR61EH0	Robot TM-1400WGH3	Phenanthrene	85-01-8
YA-1WAR61EH0	Robot TM-1400WGH3	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR61EH0	Robot TM-1400WGH3	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61EH0	Robot TM-1400WGH3	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Boric acid	10043-35-3
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Benzo[ghi]perylene	191-24-2
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Dodecamethylcyclotetrasiloxane; D6	540-97-6
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Lead	7439-92-1
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Phenanthrene	85-01-8
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61EH7	TM-1400WGH3 WELDING ROBOT SYSTEM	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR81E00	TM-1800WG3 CE	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR81E00	TM-1800WG3 CE	Boric acid	10043-35-3
YA-1WAR81E00	TM-1800WG3 CE	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR81E00	TM-1800WG3 CE	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81E00	TM-1800WG3 CE	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR81E00	TM-1800WG3 CE	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR81E00	TM-1800WG3 CE	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR81E00	TM-1800WG3 CE	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR81E00	TM-1800WG3 CE	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR81E00	TM-1800WG3 CE	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR81E00	TM-1800WG3 CE	Benzo[ghi]perylene	191-24-2
YA-1WAR81E00	TM-1800WG3 CE	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR81E00	TM-1800WG3 CE	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR81E00	TM-1800WG3 CE	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR81E00	TM-1800WG3 CE	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR81E00	TM-1800WG3 CE	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81E00	TM-1800WG3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81E00	TM-1800WG3 CE	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR81E00	TM-1800WG3 CE	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR81E00	TM-1800WG3 CE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR81E00	TM-1800WG3 CE	Lead	7439-92-1
YA-1WAR81E00	TM-1800WG3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81E00	TM-1800WG3 CE	Phenanthrene	85-01-8
YA-1WAR81E00	TM-1800WG3 CE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81E00	TM-1800WG3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81E00	TM-1800WG3 CE	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR81E0G	ROBOT	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR81E0G	ROBOT	Boric acid	10043-35-3
YA-1WAR81E0G	ROBOT	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR81E0G	ROBOT	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81E0G	ROBOT	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR81E0G	ROBOT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR81E0G	ROBOT	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR81E0G	ROBOT	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR81E0G	ROBOT	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR81E0G	ROBOT	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR81E0G	ROBOT	Benzo[ghi]perylene	191-24-2
YA-1WAR81E0G	ROBOT	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR81E0G	ROBOT	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR81E0G	ROBOT	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR81E0G	ROBOT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR81E0G	ROBOT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81E0G	ROBOT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81E0G	ROBOT	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR81E0G	ROBOT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR81E0G	ROBOT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR81E0G	ROBOT	Lead	7439-92-1
YA-1WAR81E0G	ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81E0G	ROBOT	Phenanthrene	85-01-8
YA-1WAR81E0G	ROBOT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81E0G	ROBOT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81E0G	ROBOT	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR81E20	ROBOT	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR81E20	ROBOT	Boric acid	10043-35-3
YA-1WAR81E20	ROBOT	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR81E20	ROBOT	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81E20	ROBOT	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR81E20	ROBOT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR81E20	ROBOT	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR81E20	ROBOT	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR81E20	ROBOT	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
YA-1WAR81E20	ROBOT	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR81E20	ROBOT	Benzo[ghi]perylene	191-24-2
YA-1WAR81E20	ROBOT	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR81E20	ROBOT	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR81E20	ROBOT	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR81E20	ROBOT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR81E20	ROBOT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81E20	ROBOT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81E20	ROBOT	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR81E20	ROBOT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR81E20	ROBOT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR81E20	ROBOT	Lead	7439-92-1
YA-1WAR81E20	ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81E20	ROBOT	Phenanthrene	85-01-8
YA-1WAR81E20	ROBOT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81E20	ROBOT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81E20	ROBOT	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3



**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Boric acid	10043-35-3
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	1,6,7,8,9,14,15,16,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Benzo[ghi]perylene	191-24-2
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Lead	7439-92-1
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Phenanthrene	85-01-8
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81E21	TM-2000WG3 WELDING ROBOT	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Boric acid	10043-35-3
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	1,6,7,8,9,14,15,16,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Benzo[ghi]perylene	191-24-2
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Formaldehyde, oligomeric reaction products with aniline	25214-70-4

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Lead	7439-92-1
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Phenanthrene	85-01-8
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Boric acid	10043-35-3
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Benzo[ghi]perylene	191-24-2
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Lead	7439-92-1
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Phenanthrene	85-01-8
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81EH7	TM-1800WGH3 WELDING ROBOT SYSTEM	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083

## PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR81EHG	ROBOT	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1WAR81EHG	ROBOT	Boric acid	10043-35-3
YA-1WAR81EHG	ROBOT	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1WAR81EHG	ROBOT	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81EHG	ROBOT	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1WAR81EHG	ROBOT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1WAR81EHG	ROBOT	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WAR81EHG	ROBOT	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1WAR81EHG	ROBOT	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YA-1WAR81EHG	ROBOT	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1WAR81EHG	ROBOT	Benzo[ghi]perylene	191-24-2
YA-1WAR81EHG	ROBOT	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1WAR81EHG	ROBOT	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WAR81EHG	ROBOT	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1WAR81EHG	ROBOT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1WAR81EHG	ROBOT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81EHG	ROBOT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81EHG	ROBOT	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1WAR81EHG	ROBOT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WAR81EHG	ROBOT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1WAR81EHG	ROBOT	Lead	7439-92-1
YA-1WAR81EHG	ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81EHG	ROBOT	Phenanthrene	85-01-8
YA-1WAR81EHG	ROBOT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81EHG	ROBOT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81EHG	ROBOT	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1WPUR1	Torch cooling unit for Super Active	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1WPUR1	Torch cooling unit for Super Active	Benzo[ghi]perylene	191-24-2
YA-1WPUR1	Torch cooling unit for Super Active	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1WPUR1	Torch cooling unit for Super Active	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1WPUR1	Torch cooling unit for Super Active	Lead	7439-92-1
YA-1WPUR1	Torch cooling unit for Super Active	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WPUR1	Torch cooling unit for Super Active	Phenanthrene	85-01-8
YA-1YAR81E00	TL1800G3 CE	Boric acid	10043-35-3
YA-1YAR81E00	TL1800G3 CE	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1YAR81E00	TL1800G3 CE	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1YAR81E00	TL1800G3 CE	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1YAR81E00	TL1800G3 CE	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1YAR81E00	TL1800G3 CE	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1YAR81E00	TL1800G3 CE	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1YAR81E00	TL1800G3 CE	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1YAR81E00	TL1800G3 CE	Benzo[ghi]perylene	191-24-2
YA-1YAR81E00	TL1800G3 CE	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1YAR81E00	TL1800G3 CE	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1YAR81E00	TL1800G3 CE	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1YAR81E00	TL1800G3 CE	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1YAR81E00	TL1800G3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1YAR81E00	TL1800G3 CE	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1YAR81E00	TL1800G3 CE	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1YAR81E00	TL1800G3 CE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1YAR81E00	TL1800G3 CE	Lead	7439-92-1
YA-1YAR81E00	TL1800G3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1YAR81E00	TL1800G3 CE	Phenanthrene	85-01-8
YA-1YAR81E00	TL1800G3 CE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1YAR81E00	TL1800G3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1YAR81E00	TL1800G3 CE	4-tert-butylphenol	98-54-4
YA-1YAR81E00	TL1800G3 CE	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Boric acid	10043-35-3
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Benzo[ghi]perylene	191-24-2
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Lead	7439-92-1
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Phenanthrene	85-01-8
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	4-tert-butylphenol	98-54-4
YA-1YAR81E05	TL1800G3CE HAND TIG/CUT	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-1ZAR81E00	TL1800WG3 CE	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-1ZAR81E00	TL1800WG3 CE	Boric acid	10043-35-3
YA-1ZAR81E00	TL1800WG3 CE	4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline	101-77-9
YA-1ZAR81E00	TL1800WG3 CE	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1ZAR81E00	TL1800WG3 CE	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-1ZAR81E00	TL1800WG3 CE	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-1ZAR81E00	TL1800WG3 CE	N,N-dimethylacetamide (DMAC)	127-19-5
YA-1ZAR81E00	TL1800WG3 CE	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-1ZAR81E00	TL1800WG3 CE	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
YA-1ZAR81E00	TL1800WG3 CE	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-1ZAR81E00	TL1800WG3 CE	Benzo[ghi]perylene	191-24-2
YA-1ZAR81E00	TL1800WG3 CE	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-1ZAR81E00	TL1800WG3 CE	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-1ZAR81E00	TL1800WG3 CE	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
YA-1ZAR81E00	TL1800WG3 CE	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-1ZAR81E00	TL1800WG3 CE	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1ZAR81E00	TL1800WG3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1ZAR81E00	TL1800WG3 CE	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YA-1ZAR81E00	TL1800WG3 CE	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-1ZAR81E00	TL1800WG3 CE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-1ZAR81E00	TL1800WG3 CE	Lead	7439-92-1
YA-1ZAR81E00	TL1800WG3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1ZAR81E00	TL1800WG3 CE	Phenanthrene	85-01-8
YA-1ZAR81E00	TL1800WG3 CE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1ZAR81E00	TL1800WG3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1ZAR81E00	TL1800WG3 CE	4-tert-butylphenol	98-54-4
YA-1ZAR81E00	TL1800WG3 CE	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-2FA261EXX	LA-1800G3 ROBOT	Boric acid	10043-35-3
YA-2FA261EXX	LA-1800G3 ROBOT	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-2FA261EXX	LA-1800G3 ROBOT	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YA-2FA261EXX	LA-1800G3 ROBOT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-2FA261EXX	LA-1800G3 ROBOT	N,N-dimethylacetamide (DMAC)	127-19-5
YA-2FA261EXX	LA-1800G3 ROBOT	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YA-2FA261EXX	LA-1800G3 ROBOT	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
YA-2FA261EXX	LA-1800G3 ROBOT	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YA-2FA261EXX	LA-1800G3 ROBOT	Benzo[ghi]perylene	191-24-2
YA-2FA261EXX	LA-1800G3 ROBOT	Hexahydro-4-methylphthalic anhydride	19438-60-9
YA-2FA261EXX	LA-1800G3 ROBOT	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-2FA261EXX	LA-1800G3 ROBOT	Hexahydromethylphthalic anhydride	25550-51-0
YA-2FA261EXX	LA-1800G3 ROBOT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-2FA261EXX	LA-1800G3 ROBOT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-2FA261EXX	LA-1800G3 ROBOT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-2FA261EXX	LA-1800G3 ROBOT	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2

## PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YA-2FA261EXX	LA-1800G3 ROBOT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-2FA261EXX	LA-1800G3 ROBOT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-2FA261EXX	LA-1800G3 ROBOT	Lead	7439-92-1
YA-2FA261EXX	LA-1800G3 ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-2FA261EXX	LA-1800G3 ROBOT	Phenanthrene	85-01-8
YA-2FA261EXX	LA-1800G3 ROBOT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-2FA261EXX	LA-1800G3 ROBOT	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	JAMP-SN0083
YA-321UHT115	SAFETY HOLDER	Lead	7439-92-1
YA-ANBK11Y00	INTERFACE BOX	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-ANBK11Y00	INTERFACE BOX	N,N-dimethylacetamide (DMAC)	127-19-5
YA-ANBK11Y00	INTERFACE BOX	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-ANBK11Y00	INTERFACE BOX	Lead	7439-92-1
YA-ANBK11Y00	INTERFACE BOX	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-AVBST1T01	TOUCH SENSOR BOX	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-AVBST1T01	TOUCH SENSOR BOX	Benzo[ghi]perylene	191-24-2
YA-AVBST1T01	TOUCH SENSOR BOX	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-AVBST1T01	TOUCH SENSOR BOX	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-AVBST1T01	TOUCH SENSOR BOX	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-AVBST1T01	TOUCH SENSOR BOX	Lead	7439-92-1
YA-AVBST1T01	TOUCH SENSOR BOX	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-AVBST1T01	TOUCH SENSOR BOX	Phenanthrene	85-01-8
YA-AVBT21Y00	HF START UNIT	Cobalt nitrate	10141-05-6
YA-AVBT21Y00	HF START UNIT	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YA-AVBT21Y00	HF START UNIT	N,N-dimethylacetamide (DMAC)	127-19-5
YA-AVBT21Y00	HF START UNIT	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
YA-AVBT21Y00	HF START UNIT	Benzo[ghi]perylene	191-24-2
YA-AVBT21Y00	HF START UNIT	Benzo[k]fluoranthene (BkFA)	207-08-9
YA-AVBT21Y00	HF START UNIT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YA-AVBT21Y00	HF START UNIT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-AVBT21Y00	HF START UNIT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-AVBT21Y00	HF START UNIT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YA-AVBT21Y00	HF START UNIT	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YA-AVBT21Y00	HF START UNIT	Lead	7439-92-1
YA-AVBT21Y00	HF START UNIT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-AVBT21Y00	HF START UNIT	Phenanthrene	85-01-8
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Cobalt nitrate	10141-05-6
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Lead titanium trioxide	12060-00-3
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	N,N-dimethylacetamide (DMAC)	127-19-5
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Benzo[ghi]perylene	191-24-2

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Benzo[k]fluoranthene (BkFA)	207-08-9
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Trixylyl phosphate	25155-23-1
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Dodecamethylcyclohexasiloxane; D6	540-97-6
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Decamethylcyclopentasiloxane (D5)	541-02-6
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Octamethylcyclotetrasiloxane (D4)	556-67-2
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Lead	7439-92-1
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Phenanthrene	85-01-8
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YD-00DCR1	DIGITAL REMOTE CONTROLLER	Lead titanium trioxide	12060-00-3
YD-00DCR1	DIGITAL REMOTE CONTROLLER	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YD-00DCR1	DIGITAL REMOTE CONTROLLER	Lead	7439-92-1
YD-00DCR1	DIGITAL REMOTE CONTROLLER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YD-400VP1YHD	Power source 400VP1	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YD-400VP1YHD	Power source 400VP1	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YD-400VP1YHD	Power source 400VP1	Lead titanium trioxide	12060-00-3
YD-400VP1YHD	Power source 400VP1	N,N-dimethylacetamide (DMAC)	127-19-5
YD-400VP1YHD	Power source 400VP1	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9
YD-400VP1YHD	Power source 400VP1	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
YD-400VP1YHD	Power source 400VP1	Benzo[ghi]perylene	191-24-2
YD-400VP1YHD	Power source 400VP1	Benzo[k]fluoranthene (BkFA)	207-08-9
YD-400VP1YHD	Power source 400VP1	Dodecamethylcyclohexasiloxane; D6	540-97-6
YD-400VP1YHD	Power source 400VP1	Decamethylcyclopentasiloxane (D5)	541-02-6
YD-400VP1YHD	Power source 400VP1	Octamethylcyclotetrasiloxane (D4)	556-67-2
YD-400VP1YHD	Power source 400VP1	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YD-400VP1YHD	Power source 400VP1	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YD-400VP1YHD	Power source 400VP1	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YD-400VP1YHD	Power source 400VP1	Lead	7439-92-1
YD-400VP1YHD	Power source 400VP1	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YD-400VP1YHD	Power source 400VP1	Phenanthrene	85-01-8
YL-F40AA2E00	Direct Diode Laser, 4 kw	Boric acid	10043-35-3
YL-F40AA2E00	Direct Diode Laser, 4 kw	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YL-F40AA2E00	Direct Diode Laser, 4 kw	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YL-F40AA2E00	Direct Diode Laser, 4 kw	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
YL-F40AA2E00	Direct Diode Laser, 4 kw	N,N-dimethylacetamide (DMAC)	127-19-5
YL-F40AA2E00	Direct Diode Laser, 4 kw	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YL-F40AA2E00	Direct Diode Laser, 4 kw	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	13560-89-9

PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YL-F40AA2E00	Direct Diode Laser, 4 kw	Benzo[ghi]perylene	191-24-2
YL-F40AA2E00	Direct Diode Laser, 4 kw	Benzo[k]fluoranthene (BkFA)	207-08-9
YL-F40AA2E00	Direct Diode Laser, 4 kw	Dodecamethylcyclohexasiloxane; D6	540-97-6
YL-F40AA2E00	Direct Diode Laser, 4 kw	Decamethylcyclopentasiloxane (D5)	541-02-6
YL-F40AA2E00	Direct Diode Laser, 4 kw	Octamethylcyclotetrasiloxane (D4)	556-67-2
YL-F40AA2E00	Direct Diode Laser, 4 kw	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2
YL-F40AA2E00	Direct Diode Laser, 4 kw	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YL-F40AA2E00	Direct Diode Laser, 4 kw	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YL-F40AA2E00	Direct Diode Laser, 4 kw	Lead	7439-92-1
YL-F40AA2E00	Direct Diode Laser, 4 kw	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YL-F40AA2E00	Direct Diode Laser, 4 kw	Dibutyl phthalate (DBP)	84-74-2
YL-F40AA2E00	Direct Diode Laser, 4 kw	Phenanthrene	85-01-8
YL-F40AA2E00	Direct Diode Laser, 4 kw	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
YT-158TJR	ROBOT TIG TORCH	Lead	7439-92-1
YT-35ES4	TORCH	Lead	7439-92-1
YT-CAT352	ROBOT TORCH	Lead	7439-92-1
YT-CAT352C16	ROBOT TORCH	Lead	7439-92-1
YT-CAT353T13	ROBOT TORCH	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CAT353T13	ROBOT TORCH	Lead	7439-92-1
YT-CAT353T13	ROBOT TORCH	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CAT353T13	ROBOT TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAT353T1G	ROBOT TORCH	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CAT353T1G	ROBOT TORCH	Lead	7439-92-1
YT-CAT353T1G	ROBOT TORCH	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CAT353T1G	ROBOT TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	Lead	7439-92-1
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAW503T02	CO2 TORCH WATER COOLED TA-1600WG	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CAW503T02	CO2 TORCH WATER COOLED TA-1600WG	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CAW503T02	CO2 TORCH WATER COOLED TA-1600WG	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CAW503T02	CO2 TORCH WATER COOLED TA-1600WG	Lead	7439-92-1
YT-CAW503T02	CO2 TORCH WATER COOLED TA-1600WG	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CAW503T02	CO2 TORCH WATER COOLED TA-1600WG	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAW503T0G	CO2/MAG TORCH WATER COOLED TA1400G3	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CAW503T0G	CO2/MAG TORCH WATER COOLED TA1400G3	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CAW503T0G	CO2/MAG TORCH WATER COOLED TA1400G3	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CAW503T0G	CO2/MAG TORCH WATER COOLED TA1400G3	Lead	7439-92-1
YT-CAW503T0G	CO2/MAG TORCH WATER COOLED TA1400G3	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CAW503T0G	CO2/MAG TORCH WATER COOLED TA1400G3	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJT351TS0	Servo Pull Super Active Wire	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CJT351TS0	Servo Pull Super Active Wire	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-CJT351TS0	Servo Pull Super Active Wire	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CJT351TS0	Servo Pull Super Active Wire	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CJT351TS0	Servo Pull Super Active Wire	Octamethylcyclotetrasiloxane (D4)	556-67-2
YT-CJT351TS0	Servo Pull Super Active Wire	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YT-CJT351TS0	Servo Pull Super Active Wire	Lead	7439-92-1



**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YT-CJT351TS0	Servo Pull Super Active Wire	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CJT351TS0	Servo Pull Super Active Wire	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-CJT351TS0	Servo Pull Super Active Wire	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJT351TS0	Servo Pull Super Active Wire	4-tert-butylphenol	98-54-4
YT-CJT351TS0	Servo Pull Super Active Wire	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-CJT351TSB	SERVO PULL TORCH	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CJT351TSB	SERVO PULL TORCH	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-CJT351TSB	SERVO PULL TORCH	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CJT351TSB	SERVO PULL TORCH	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CJT351TSB	SERVO PULL TORCH	Octamethylcyclotetrasiloxane (D4)	556-67-2
YT-CJT351TSB	SERVO PULL TORCH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YT-CJT351TSB	SERVO PULL TORCH	Lead	7439-92-1
YT-CJT351TSB	SERVO PULL TORCH	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CJT351TSB	SERVO PULL TORCH	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-CJT351TSB	SERVO PULL TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJT351TSB	SERVO PULL TORCH	4-tert-butylphenol	98-54-4
YT-CJT351TSB	SERVO PULL TORCH	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-CJT351TSD	SERVO PULL TORCH	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CJT351TSD	SERVO PULL TORCH	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-CJT351TSD	SERVO PULL TORCH	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CJT351TSD	SERVO PULL TORCH	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CJT351TSD	SERVO PULL TORCH	Octamethylcyclotetrasiloxane (D4)	556-67-2
YT-CJT351TSD	SERVO PULL TORCH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YT-CJT351TSD	SERVO PULL TORCH	Lead	7439-92-1
YT-CJT351TSD	SERVO PULL TORCH	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CJT351TSD	SERVO PULL TORCH	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-CJT351TSD	SERVO PULL TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJT351TSD	SERVO PULL TORCH	4-tert-butylphenol	98-54-4
YT-CJT351TSD	SERVO PULL TORCH	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-CJW401TS2	SERVO PULL TORCH	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CJW401TS2	SERVO PULL TORCH	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-CJW401TS2	SERVO PULL TORCH	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CJW401TS2	SERVO PULL TORCH	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CJW401TS2	SERVO PULL TORCH	Octamethylcyclotetrasiloxane (D4)	556-67-2
YT-CJW401TS2	SERVO PULL TORCH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YT-CJW401TS2	SERVO PULL TORCH	Lead	7439-92-1
YT-CJW401TS2	SERVO PULL TORCH	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CJW401TS2	SERVO PULL TORCH	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-CJW401TS2	SERVO PULL TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJW401TS2	SERVO PULL TORCH	4-tert-butylphenol	98-54-4
YT-CJW401TS2	SERVO PULL TORCH	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-CJW401TS3	Servo Pull Torch	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CJW401TS3	Servo Pull Torch	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-CJW401TS3	Servo Pull Torch	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CJW401TS3	Servo Pull Torch	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CJW401TS3	Servo Pull Torch	Octamethylcyclotetrasiloxane (D4)	556-67-2
YT-CJW401TS3	Servo Pull Torch	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YT-CJW401TS3	Servo Pull Torch	Lead	7439-92-1
YT-CJW401TS3	Servo Pull Torch	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CJW401TS3	Servo Pull Torch	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-CJW401TS3	Servo Pull Torch	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJW401TS3	Servo Pull Torch	4-tert-butylphenol	98-54-4
YT-CJW401TS3	Servo Pull Torch	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-CJW401TS5	Servo Pull Torch	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CJW401TS5	Servo Pull Torch	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-CJW401TS5	Servo Pull Torch	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CJW401TS5	Servo Pull Torch	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CJW401TS5	Servo Pull Torch	Octamethylcyclotetrasiloxane (D4)	556-67-2
YT-CJW401TS5	Servo Pull Torch	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YT-CJW401TS5	Servo Pull Torch	Lead	7439-92-1
YT-CJW401TS5	Servo Pull Torch	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CJW401TS5	Servo Pull Torch	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-CJW401TS5	Servo Pull Torch	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJW401TS5	Servo Pull Torch	4-tert-butylphenol	98-54-4
YT-CJW401TS5	Servo Pull Torch	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-CJW401TS6	SERVO PULL TORCH	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CJW401TS6	SERVO PULL TORCH	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-CJW401TS6	SERVO PULL TORCH	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CJW401TS6	SERVO PULL TORCH	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CJW401TS6	SERVO PULL TORCH	Octamethylcyclotetrasiloxane (D4)	556-67-2

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YT-CJW401TS6	SERVO PULL TORCH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YT-CJW401TS6	SERVO PULL TORCH	Lead	7439-92-1
YT-CJW401TS6	SERVO PULL TORCH	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CJW401TS6	SERVO PULL TORCH	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-CJW401TS6	SERVO PULL TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJW401TS6	SERVO PULL TORCH	4-tert-butylphenol	98-54-4
YT-CJW401TS6	SERVO PULL TORCH	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-CJW401TS7	SERVO PULL TORCH	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-CJW401TS7	SERVO PULL TORCH	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-CJW401TS7	SERVO PULL TORCH	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-CJW401TS7	SERVO PULL TORCH	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-CJW401TS7	SERVO PULL TORCH	Octamethylcyclotetrasiloxane (D4)	556-67-2
YT-CJW401TS7	SERVO PULL TORCH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YT-CJW401TS7	SERVO PULL TORCH	Lead	7439-92-1
YT-CJW401TS7	SERVO PULL TORCH	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-CJW401TS7	SERVO PULL TORCH	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-CJW401TS7	SERVO PULL TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJW401TS7	SERVO PULL TORCH	4-tert-butylphenol	98-54-4
YT-CJW401TS7	SERVO PULL TORCH	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-MJT351TS2	CO2 TORCH	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-MJT351TS2	CO2 TORCH	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-MJT351TS2	CO2 TORCH	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-MJT351TS2	CO2 TORCH	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-MJT351TS2	CO2 TORCH	Octamethylcyclotetrasiloxane (D4)	556-67-2
YT-MJT351TS2	CO2 TORCH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YT-MJT351TS2	CO2 TORCH	Lead	7439-92-1
YT-MJT351TS2	CO2 TORCH	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-MJT351TS2	CO2 TORCH	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-MJT351TS2	CO2 TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-MJT351TS2	CO2 TORCH	4-tert-butylphenol	98-54-4
YT-MJT351TS2	CO2 TORCH	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-MJT351TS3	CO2 TORCH	Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7
YT-MJT351TS3	CO2 TORCH	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YT-MJT351TS3	CO2 TORCH	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-MJT351TS3	CO2 TORCH	Decamethylcyclopentasiloxane (D5)	541-02-6

**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
YT-MJT351TS3	CO2 TORCH	Octamethylcyclotetrasiloxane (D4)	556-67-2
YT-MJT351TS3	CO2 TORCH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YT-MJT351TS3	CO2 TORCH	Lead	7439-92-1
YT-MJT351TS3	CO2 TORCH	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YT-MJT351TS3	CO2 TORCH	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YT-MJT351TS3	CO2 TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-MJT351TS3	CO2 TORCH	4-tert-butylphenol	98-54-4
YT-MJT351TS3	CO2 TORCH	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	SN0082
YT-TCT401	TIG TORCH FOR ROBOT	Dodecamethylcyclohexasiloxane; D6	540-97-6
YT-TCT401	TIG TORCH FOR ROBOT	Decamethylcyclopentasiloxane (D5)	541-02-6
YT-TCT401	TIG TORCH FOR ROBOT	Lead	7439-92-1
YV-610GE2A	CONNECTION CABLE 10M	Lead	7439-92-1
YV-610GE2A	CONNECTION CABLE 10M	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YW-40DGW2YAE	WIRE FEEDER	Boric acid	10043-35-3
YW-40DGW2YAE	WIRE FEEDER	Cobalt nitrate	10141-05-6
YW-40DGW2YAE	WIRE FEEDER	Lead	7439-92-1
YW-40DGW2YAE	WIRE FEEDER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YW-CDF032Y00	WIRE REEL STAND	Lead	7439-92-1
YW-CDF032Y00	WIRE REEL STAND	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YW-CLF031	TA1400 WIRE REEL STAND	Cobalt nitrate	10141-05-6
YW-CLF031	TA1400 WIRE REEL STAND	Lead	7439-92-1
YW-CLF031T02	TA1400 WIRE REEL STAND	Lead	7439-92-1
YW-CRF011T07	WIRE FEEDER	Lead	7439-92-1
YW-CRF011T07	WIRE FEEDER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YW-PCF041E00	WIRE BOOSTER	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YW-PCF041E00	WIRE BOOSTER	Benzo[ghi]perylene	191-24-2
YW-PCF041E00	WIRE BOOSTER	Benzo[k]fluoranthene (BkFA)	207-08-9
YW-PCF041E00	WIRE BOOSTER	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YW-PCF041E00	WIRE BOOSTER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YW-PCF041E00	WIRE BOOSTER	Lead	7439-92-1
YW-PCF041E00	WIRE BOOSTER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YW-PCF041E00	WIRE BOOSTER	Phenanthrene	85-01-8
YW-THF011T00	WIRE FEEDER	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YW-THF011T00	WIRE FEEDER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YW-THF011T00	WIRE FEEDER	Lead	7439-92-1
YW-THF011T00	WIRE FEEDER	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YW-TJF011T01	WIRE FEEDER	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YW-TJF011T01	WIRE FEEDER	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	13560-89-9
YW-TJF011T01	WIRE FEEDER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YW-TJF011T01	WIRE FEEDER	Lead	7439-92-1
YW-TJF011T01	WIRE FEEDER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YW-TJF011T01	WIRE FEEDER	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YX-09KGC1YGA	WATER COOLING UNIT, 9 LITTER	Boric acid	10043-35-3
YX-09KGC1YGA	WATER COOLING UNIT, 9 LITTER	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
YX-09KGC1YGA	WATER COOLING UNIT, 9 LITTER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
YX-09KGC1YGA	WATER COOLING UNIT, 9 LITTER	Lead	7439-92-1



**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

Product code	Product description	Substance name	CAS No.
LC-CA1212P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-CA1212P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-CA1215P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-CA1215P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-CA1216P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P067R2P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P12120P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P12150BP	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1220AP	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1220P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1224APG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1228AP	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1238APG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1242AP	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1275P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7



**PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST**

SVHC concentration > 0.1 w/w% - component level

LC-P127R2P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P127R2P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-PA1212P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-PA1216P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-PD1217P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-PD1217PG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R0612P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R0612P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R061R3P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
LC-R063R4P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
LC-R064R5P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
LC-R067R2P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R067R2P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R121R3PG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
LC-R122R2PG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
LC-R123R4PG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
LC-R127R2PG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R127R2PG1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RA1212PG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7



PANASONIC INDUSTRY EUROPE GMBH - SVHC POSITIVE LIST

SVHC concentration > 0.1 w/w% - component level

LC-RA1212PG1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RA1215P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RA1215P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RN127R2G1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-V1233P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-V127R2PG1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-VA1212PG1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-X1265PG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XB12100P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XC1222P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XC1228P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XC1238P	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XD1217APG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XD1217PG	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-PW1245P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-VW0645P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-VW1220P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-VW1236P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-VW1245P1	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-VWA1232P2	Valve Regalated Lead-ACID Battery (industrial use only)	LEAD	7439-92-1
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7