

Safety Data Sheet

according to UK REACH Regulation

Breake & Assembly Cleaner New

Revision date: 14.09.2023

Product code: 188171VAR.

Page 1 of 9

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Breake & Assembly Cleaner New

Further trade names

UFI: HXAX-RXEU-CQ5W-VF3V

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Uses advised against

Reserved for industrial and professional use.

1.3. Details of the supplier of the safety data sheet

Company name: ITW LLC & Co. KG
Street: Am Eichenbach 14
Place: D-73054 Eislingen/Fils
Telephone: +49 800 6273002
e-mail: info@itwindustrialsolutions.com
Contact person: Produktsicherheit Mo. - Do. Telephone: ++49 800 6273002
8.00 - 16.30 Fr. 8.00 - 14.00
e-mail: info@itwindustrialsolutions.com
Internet: www.itwindustrialsolutions.com
Responsible Department: Produktsicherheit Mo. - Do. 8.00 - 16.30 Fr. 8.00 - 14.00
Swiss Toxicological Information Centre - Téléphone : +41 44 251 51 51 (in Switzerland dial 145)
United Kingdom : National Poisons Information Service - Phone number : 8448920111
Österreich : Vergiftungsinformationszentrale Vienna - Telefon-Nummer : +43 1 406 43 43
Schweiz : Tox Info Suisse - Telefon-Nummer : +41 44 251 51 51
España : Instituto Nacional de Toxicología - Teléfono : +34 91 562 04 20
România (Romania): Spitalul de Urgenta Floreasca 021 230 8000
România (Romania): Spitalul de Urgenta Floreasca 021 230 8000
CAV "Ospedale Pediatrico Bambino Gesù" – Roma Tel. (+39) 06.6859.3726
CAV "Azienda Ospedaliera Università di Foggia" – Foggia Tel. 800.183.459
CAV "Azienda Ospedaliera A. Cardarelli" – Napoli Tel. (+39) 081.545.3333
CAV Policlinico "Umberto I" – Roma Tel. (+39) 06.4997.8000
CAV Policlinico "A. Gemelli" – Roma Tel. (+39) 06.305.4343
CAV Azienda Ospedaliera "Careggi" U.O. Tossicologia Medica – Firenze Tel. (+39) 055.794.7819
CAV Centro Nazionale di Informazione Tossicologica – Pavia Tel. (+39) 0382.24.444
CAV Ospedale Niguarda – Milano Tel. (+39) 02.66.1010.29
CAV Azienda Ospedaliera Papa Giovanni XXIII – Bergamo Tel. 800.88.33.00
CAV Centro antiveneni Veneto – Verona Tel. 800.011.858
Slovakia: National Toxicological Information Centre Bratislava +421 2 5465 2307
Czech Republic: Ministry of Health of the Czech Republic Chemical Substances and Biocidal Products Unit +420 267 082 236
Deutschland: ++49 800 6273002

1.4. Emergency telephone number:

SECTION 2: Hazards identification

Safety Data Sheet

according to UK REACH Regulation

Breake & Assembly Cleaner New

Revision date: 14.09.2023

Product code: 188171VAR.

Page 2 of 9

2.1. Classification of the substance or mixture

GB CLP Regulation

Aerosol 1; H222-H229
Skin Irrit. 2; H315
STOT SE 3; H336
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Hydrocarbons , C6-C7, n-Alkane, Isoalkane, Cycloalkane, <5% n-Hexan

Signal word: Danger

Pictograms:



Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P332+P313	If skin irritation occurs: Get medical advice/attention.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302+P352	IF ON SKIN: Wash with plenty of water.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P273	Avoid release to the environment.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P271	Use only outdoors or in a well-ventilated area.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P251	Do not pierce or burn, even after use.
P211	Do not spray on an open flame or other ignition source.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Safety Data Sheet

according to UK REACH Regulation

Breake & Assembly Cleaner New

Revision date: 14.09.2023

Product code: 188171VAR.

Page 3 of 9

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes <5% hexane			50-100%
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
75-28-5	isobutane			10-20%
	200-857-2	601-004-00-0		
	Flam. Gas 1; H220			
124-38-9	Carbondioxide			1-5%
	204-696-9			
	Compressed gas; H280			
74-98-6	propane			1-5%
	200-827-9	601-003-00-5		
	Flam. Gas 1; H220			

Full text of H and EUH statements: see section 16.

Further Information

Contains: Kohlenwasserstoffe C6-C7, n-Alkane, Isoalkane, Cyclen <5% n-Hexan

Contains: Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection!

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

If swallowed, immediately drink: Water.

4.2. Most important symptoms and effects, both acute and delayed

Headache, Dizziness

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Call a POISON CENTER. Symptoms can occur only after several hours.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Foam. Extinguishing powder.

Unsuitable extinguishing media

Water with tenside additive. Water.

Safety Data Sheet

according to UK REACH Regulation

Breake & Assembly Cleaner New

Revision date: 14.09.2023

Product code: 188171VAR.

Page 4 of 9

5.2. Special hazards arising from the substance or mixture

Combustible. Vapours may form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Explosion hazard.

6.3. Methods and material for containment and cleaning up

For containment

For cleaning up Wash with plenty of water.

For cleaning up

For cleaning up Wash with plenty of water.

Other information

Ventilate affected area.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.

Hints on joint storage

Do not store together with: Material, rich in oxygen, oxidizing.

Further information on storage conditions

Recommended storage temperature 20°C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Safety Data Sheet

according to UK REACH Regulation

Breake & Assembly Cleaner New

Revision date: 14.09.2023

Product code: 188171VAR.

Page 5 of 9

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL
124-38-9	Carbon dioxide	5000	9150		TWA (8 h)	WEL
		15000	27400		STEL (15 min)	WEL

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

EN ISO 374 Tested protective gloves are to be worn: Butyl rubber. Breakthrough time: 480 min. Thickness of the glove material 0,45mm For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Protective clothing: Take off immediately all contaminated clothing and wash it before reuse.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosol	
Colour:	clear colourless	
Odour:	characteristic	
Boiling point or initial boiling point and boiling range:		-0,5 °C
Flash point:		<0° °C
Auto-ignition temperature:		>200 °C
Viscosity / kinematic:		<7 mm ² /s
Density:		0,69 g/cm ³

9.2. Other information

Keine weiteren relevanten Informationen verfügbar.
No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

Safety Data Sheet

according to UK REACH Regulation

Breake & Assembly Cleaner New

Revision date: 14.09.2023

Product code: 188171VAR.

Page 6 of 9

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Keep away from heat. Ignition hazard.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

aldehydes. Carbon dioxide (CO₂). Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Irritation and corrosivity

No data available

Sensitising effects

not sensitising.

Carcinogenic/mutagenic/toxic effects for reproduction

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

No data available

Information on likely routes of exposure

No data available

Specific effects in experiment on an animal

No data available

Additional information on tests

No data available

Practical experience

No data available

11.2. Information on other hazards

Other information

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Based on the available data, the classification criteria are not met.

SECTION 12: Ecological information

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
75-28-5	isobutane	2,8
74-98-6	propane	2,36

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

Safety Data Sheet

according to UK REACH Regulation

Breake & Assembly Cleaner New

Revision date: 14.09.2023

Product code: 188171VAR.

Page 7 of 9

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: UN1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
 Hazard label: 2.1



Classification code: 5F
 Special Provisions: 190 327 625
 Limited quantity: 1 L
 Transport category: 2
 Tunnel restriction code: D

Other applicable information (land transport)

E0

Inland waterways transport (ADN)

14.1. UN number or ID number: UN1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
 Hazard label: 2.1



Classification code: 5F
 Special Provisions: 190 327 344 625
 Limited quantity: 1 L

Safety Data Sheet

according to UK REACH Regulation

Breake & Assembly Cleaner New

Revision date: 14.09.2023

Product code: 188171VAR.

Page 8 of 9

Other applicable information (inland waterways transport)

E0

Marine transport (IMDG)

14.1. UN number or ID number: UN1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2, see SP63

Special Provisions: 63, 190, 277, 327, 344, 959
Limited quantity: See SP277
EmS: F-D, S-U

Other applicable information (marine transport)

E0

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN1950
14.2. UN proper shipping name: AEROSOLS, flammable
14.3. Transport hazard class(es): 2.1
Hazard label: 2.1



Special Provisions: A145 A167
Limited quantity Passenger: 30 kg G
IATA-packing instructions - Passenger: 203
IATA-max. quantity - Passenger: 75 kg
IATA-packing instructions - Cargo: 203
IATA-max. quantity - Cargo: 150 kg

Other applicable information (air transport)

E0

: Y203

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: Hydrocarbons , C6-C7, n-Alkane, Isoalkane, <5% n-Hexan

14.6. Special precautions for user

Keine weiteren relevanten Informationen verfügbar.
No further relevant information available.

14.7. Maritime transport in bulk according to IMO instruments

Keine weiteren relevanten Informationen verfügbar.
No further relevant information available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Restrictions on use (REACH, annex XVII):
Entry 28, Entry 40

Safety Data Sheet

according to UK REACH Regulation

Breake & Assembly Cleaner New

Revision date: 14.09.2023

Product code: 188171VAR.

Page 9 of 9

2004/42/EC (VOC): 7,692 % (54,613 g/l)

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)