

according to UK REACH Regulation

Protection

Revision date: 04.04.2024 Product code: 115 Page 1 of 10

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

1.1. Product identifier

Protection

Further trade names

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UFI: AV90-D067-W00C-W1D5

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

Use of the substance/mixture

Lubricants, greases, release products

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: skrautmann@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

Deutschland: Vergiftungs-Informations-Zentrale Freiburg 0761 19240 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 antiveleni 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

Slovakia: National Toxicological Information Centre Bratislava +421 2 5465 2307

1.4. Emergency telephone

Deutschland: ++49 800 6273002

number: Slovakia: National Toxicological Information Centre Bratislava +421



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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Aerosol 1; H222-H229 Skin Irrit. 2; H315 Eye Irrit. 2; H319 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, Isopropanol **Signal word:** Danger

Pictograms:







Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.
H319 Causes serious eye 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. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P271 Use only outdoors or in a well-ventilated area.

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

Ergebnisse der PBT- und vPvB-Beurteilung

PBT: Nicht anwendbar. PvB: Nicht anwendbar.

Results of PBT and vPvB assessment

PBT

Not applicable.

PvB

Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Mixtures



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Relevant ingredients

CAS No	Chemical name					
	EC No	Index No	REACH No			
	Classification (GB CLP Regulation)					
	Hydrocarbons, C6, isoalkanes, <5%	√ n-hexane		30-60%		
	931-254-9	01-2119484651-34				
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411					
67-63-0	propan-2-ol; isopropyl alcohol; isop		25-50%			
	200-661-7	603-117-00-0				
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336					
124-38-9	Carbondioxide					
	204-696-9					
	Compressed gas; H280					

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity		
	Specific Conc. Limits, M-factors and ATE				
	931-254-9	Hydrocarbons, C6, isoalkanes, <5% n-hexane	30-60%		
	inhalation: LC50 = 259354 mg/l (vapours); dermal: LD50 = 3350 mg/kg; oral: LD50 = >36750 mg/kg				

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After contact with skin

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

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

If swallowed, immediately drink: Water.

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

No data available

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

No data available

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.

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

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bursting.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Provide adequate ventilation. Wear a self-contained breathing apparatus and chemical protective clothing.

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

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. 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

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Revision No: 1,24 GB - en Print date: 16.05,2024



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Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
124-38-9	Carbon dioxide	5000	9150		TWA (8 h)	WEL
		15000	27400		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		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 qas/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: NBR (Nitrile rubber) 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. NBR (Nitrile rubber)

Skin protection

Protective clothing:

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: light yellow
Odour: characteristic

Test method

Boiling point or initial boiling point and 60 °C

boiling range:

Lower explosion limits: 1,2 vol. % Upper explosion limits: 7 vol. %

Flash point: < -20 °C ASTM D 3828

Auto-ignition temperature: 300 °C Vapour pressure: 227 hPa

(at 20 °C)

Vapour pressure: 719 hPa (at 50 °C)

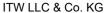
Density (at 20 °C): 0,72 g/cm³

9.2. Other information

Other safety characteristics

Pour point: ISO 3016

Further Information





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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

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

No data available

SECTION 11: Toxicological information

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation gas) > 20000 ppm

Acute toxicity

CAS No	Chemical name	Chemical name								
	Exposure route	Dose		Species	Source	Method				
	Hydrocarbons, C6, iso	Hydrocarbons, C6, isoalkanes, <5% n-hexane								
	oral	LD50 mg/kg	>36750	Rat	OECD	Prüfrichtlinie 401				
	dermal	LD50 mg/kg	3350	Rabbit	OECD	Prüfrichtlinie 402				
	inhalation vapour	LC50 mg/l	259354	Rat	OECD	Prüfrichtlinie 403				

Irritation and corrosivity

Irritating to eyes. Vapours may cause drowsiness and dizziness. After skin contact: irritant.

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



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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

12.1. Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No	Chemical name								
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method		
	Hydrocarbons, C6, isoalk	Hydrocarbons, C6, isoalkanes, <5% n-hexane							
	Acute fish toxicity	LC50	>1 mg/l	96 h	Fish				
	Acute algae toxicity	ErC50	30 mg/l	72 h	Alge				
	Acute crustacea toxicity	EC50 mg/l	3,87		Daphnia pulex (water flea)				

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

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

Do not allow to enter into surface water or drains. 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

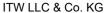
150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

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.





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SECTION 14: Transport information

Land transport (ADR/RID)

UN1950 14.1. UN number or ID number: 14.2. UN proper shipping name: **AEROSOLS**

14.3. Transport hazard class(es): 2 Hazard label: 2.1



5F Classification code:

Special Provisions: 190 327 625

Limited quantity: 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 **AEROSOLS** 14.2. UN proper shipping name:

14.3. Transport hazard class(es): Hazard label: 2.1



Classification code:

Special Provisions: 190 327 344 625

Limited quantity: 1 L

Other applicable information (inland waterways transport)

E0

Marine transport (IMDG)

14.1. UN number or ID number: UN1950 **AEROSOLS** 14.2. UN proper shipping name:

2 14.3. Transport hazard class(es): 14.4. Packing group:

Hazard label: 2, see SP63

Special Provisions: 63, 190, 277, 327, 344, 959

Limited quantity: See SP277 F-D, S-U EmS: Other applicable information (marine transport)

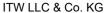
E0

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN1950

AEROSOLS, flammable 14.2. UN proper shipping name:

14.3. Transport hazard class(es): 2.1 Hazard label: 2.1





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Special Provisions: A145 A167 Limited quantity Passenger: 30 kg G

IATA-packing instructions - Passenger:203IATA-max. quantity - Passenger:75 kgIATA-packing instructions - Cargo:203IATA-max. quantity - Cargo:150 kg

Other applicable information (air transport)

E0 : Y203

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



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, Entry 75

Directive 2004/42/EC on VOC in 45,45 % (327,24 g/l)

paints and varnishes:

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

SECTION 16: Other information

Abbreviations and acronyms

Aerosol: Aerosols Compressed gas

Flam. Liq: Flammable liquids Asp. Tox: Aspiration hazard Skin Irrit: Skin irritation Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure

Aquatic Chronic: Chronic aquatic hazard

Relevant H and EUH statements (number and full text)

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.



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H304	May be fatal if swallowed and enters airways.					
H315	Causes skin irritation.					
H319	Causes serious eye irritation.					
H336	May cause drowsiness or dizziness.					
H411	Toxic to aquatic life with long lasting effects.					

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