

OKS 2611

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

1.1. Product identifier

Trade name

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Article No.

02611025, 02611050

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

Relevant identified uses

Cleaning agent.

Not suitable for use in

Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

Supplier

TRIBOTEC AB

Address

Metallvägen 2
435 33 Mölnlycke
Sweden

Telephone

+46 31 887880

Email

info@tribotec.se

Fax

+46 31 887887

Web site

www.tribotec.se

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Manufacturer

OKS Spezialschmierstoffe GmbH

Address

Ganghoferstr. 47
D-82216 Maisach-Gernlinden
Germany

Telephone

+49 8142 3051 500

Email

info@oks-germany.com

Fax

+49 8142 3051 599

1.4. Emergency telephone number

999

Available outside office hours

Yes

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Aerosol, Hazard category 1
Aspiration hazard, hazard category 1
Skin irritation, hazard category 2
Eye irritation, hazard category 2
Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis
Hazardous to the aquatic environment — Chronic hazard category 3

Hazard statements

H222, H229, H304, H315, H319, H336, H412

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

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Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

More information

Labelling:
propan-2-ol
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Naphtha (petroleum), hydro-treated light; Low boiling point hydrogen treated naphtha	- 927-241-2 01-2119471843-32-xxxx -	≥25 - <30%	Flam. Liq. 3, Asp. Tox. 1, STOT SE 3 - narcosis, Aquatic Chronic 3	H226, H304, H336, H412 - -	EUH066 Note P
Propan-2-ol	67-63-0 200-661-7 02-2119457558-25-XXXX 603-117-00-0	≥20 - <30%	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 - narcosis	H225, H319, H336 - -	-
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	- 921-024-6 01-2119475514-35-XXXX -	≥20 - <25%	Flam. Liq. 2, Asp. Tox. 1, Skin Irrit. 2, STOT SE 3 - narcosis, Aquatic Chronic 2	H225, H304, H315, H336, H411 - -	-
Acetone	67-64-1 200-662-2 01-2119471330-49-XXXX 606-001-00-8	≥10 - <20%	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 - narcosis	H225, H319, H336 - -	-
carbon dioxide	124-38-9 204-696-9 - -	≥1 - <10%	Press. Gas	H280 - -	-

Substance additional information

Chemical.

Active substance with propellant

Solvent.

The full text for all hazard statements is displayed in section 16. For the complete text of H- / EUH-statements mentioned in this section, see section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Immediately call a POISON CENTER/doctor.
Remove person to fresh air and keep comfortable for breathing.
Get medical attention if any discomfort continues.
Keep the affected person warm and at rest. Get prompt medical attention.
Place unconscious person on the side in the recovery position and ensure breathing.
Get medical advice/attention.
Keep respiratory tract clear.
If breathing stops, provide artificial respiration.

Skin contact

Take off immediately all contaminated clothing.
Contact physician if irritation persists.
Wash contaminated clothing before reuse.
Thoroughly clean shoes before reuse.
Rinse immediately with plenty of water.

Eye contact

Immediately flush with plenty of water or eyewash solution for up to 10 minutes.
Remove particles remaining under the eyelids.
Get medical advice/attention.

Ingestion

Move the exposed person to fresh air at once.
IF SWALLOWED: Immediately call a POISON CENTER/doctor.
Keep respiratory tract clear.
Do NOT induce vomiting.
Rinse mouth with water.
Aspiration hazard: Causes damage to organs if swallowed. Respiratory system, lungs.

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

SYMPTOMS:

Unconsciousness.
May cause drowsiness or dizziness.
Headache.
Nausea, vomiting.
Exhaustion and weakness.
Skin contact may cause: Well defined erythema (2).
Aspiration hazard:
Pneumonitis (inflammation of lung tissue). Tracheobronchitis, pulmonary oedema.

OTHER HEALTH RISKS.

Central nervous system depression.
Causes damage to organs if swallowed. Respiratory system, lungs.
Delayed, often serious breathing problems.
Causes skin irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

ABC Powder.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards:

Fire or projection hazard. Prevent entry into drains.

Contains gas under pressure; may explode if heated.

Beware of vapours accumulating to form explosive concentrations.

Vapours can accumulate in low areas.

Hazardous combustion products:

Oxides of: Carbon.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

In case of fire: Self-contained breathing apparatus. Use personal protective equipment as required.

Health Hazards:

Hazardous decomposition products: Avoid exposure!

Other

Measures in case of fire

Standard procedure for chemical fires.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Water spray should be used to cool containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area.

Provide adequate ventilation.

Remove sources of ignition.

Avoid inhalation of vapours and spray mists.

Do not breathe dust/fume/gas/mist/vapours/spray.

See section 7. See section 8.

Only to be handled by authorized personnel.

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6.2. Environmental precautions

Do not allow ANY environmental contamination.
Stop leak if safe to do so.
Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

Contain spillages with sand, earth or any suitable adsorbent material.
Collect spillage in containers, seal securely and deliver for disposal according to local regulations.
See section 13.
Keep in original container.
Use non-sparking tools.

6.4. Reference to other sections

For personal protection, see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Safe handling advice:
Do not use in confined spaces without adequate ventilation and/or respirator.
Avoid inhalation of vapours and spray mists.
If ventilation is insufficient, suitable respiratory protection must be provided.
Avoid contact with skin and eyes.
For personal protection, see section 8.
Keep away from heat, sparks and open flame.
Eating, smoking and water fountains prohibited in immediate work area.
Wash contaminated skin thoroughly after handling.
Do not get in eyes, on skin, or on clothing.
Avoid: Ingestion.
Use non-sparking tools.
These safety instructions also apply to empty packaging which may still contain product residues.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

General hygiene

Wash face, hands and any exposed skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.
Do not open by force or throw into fire even after use.
Do not spray on an open flame or other ignition source.
Store in accordance with regional regulations.

7.3. Specific end use(s)

None.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Short-term exposure limit ppm / mg/m ³	Source	Remark	Year
Propan-2-ol	67-63-0	400	500	-	-	-
	200-661-7	999	1250			
Acetone	67-64-1	500	1500	-	-	-
	200-662-2	1210	3620			
Acetone (EU)	67-64-1	500	-	-	-	2020
	200-662-2	1210	-			
carbon dioxide (EU)	124-38-9	5000	-	-	-	2020
	204-696-9	9000	-			
carbon dioxide	124-38-9	5000	15000	-	-	-
	204-696-9	9150	27400			

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (-/921-024-6)	DNEL	Chronic (long term) Dermal	773 mg/kg bw/day	Workers	Systemic
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (-/921-024-6)	DNEL	Chronic (long term) Inhalation	2035 mg/m ³	Workers	Systemic

8.2. Exposure controls

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation.
Use only in an exhaust hood.

Eye / face protection

Use approved safety goggles or face shield.

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Hand protection

Hand protection:

Butyl rubber.

Breakthrough time: > 10 min.

Class: 1

Wear protective gloves.

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Other skin protection

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory protection

Respiratory protection may be required.

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Type: Use respiratory equipment with gas filter, type AX.

Other

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Aerosol

Colour

Colourless.

Odour

Solvent.

Melting point / freezing point

No data available

Boiling point or initial boiling point and boiling range

56 °C

Method

1013 hPa

Flammability

Extremely flammable aerosol.

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Lower and upper explosion limit

0.6 - 13 %

Flash point

-18 °C

Method

Abel-Pensky

Auto-ignition temperature

No data available

Decomposition temperature

No data available

pH

No data available

Kinematic viscosity

< 20.5 mm²/s

Method

40 °C

Solubility

No data available

Water solubility

Insoluble in water.

Partition coefficient n-octanol/water

No data available

Vapour pressure

233 hPa

Method

20 °C

Density and/or relative density

0.75 g/cm³

Method

20 °C

Relative density

0.7533

Method

20 °C

Relative vapour density

No data available

Explosive properties

No.

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VOC %

96.39 %

Particle characteristics

No data available

Information on basic physical and chemical properties

Metals. Corrosive. No.

Self-ignition No.

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous Reactions: No.

10.4. Conditions to avoid

Heat, sparks, flames.

10.5. Incompatible materials

Materials to avoid

Oxidising materials.

10.6. Hazardous decomposition products

Hazardous decomposition products: No.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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Acute toxicity: Oral Central nervous system depression.

Acute Toxicity (Inhalation): Solvent. Vapours may cause drowsiness and dizziness.

SYMPTOMS: Difficulty in breathing. Drowsiness, dizziness, disorientation, vertigo.

Central nervous system depression. Nausea, vomiting. Exhaustion and weakness.

Acute Toxicity (Dermal):

Irritating and may cause redness and pain.

Product / Substance name CAS / EC no.	Value / Dose	Exposure route	Duration of exposure	Test animals	Remarks
Propan-2-ol 67-63-0 / 200-661-7	5840 mg/kg	LD50 Oral	-	Rat	-
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha 64742-49-0 / 927-241-2	> 5000 mg/kg	LD50 Oral	-	Rat	-
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	> 5840 mg/kg	LD50 Oral	-	Rat	-
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	> 25,2 mg/l	LC50 Inhalation.	4 hours	Rat	mg/l (vapours)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	> 2,8 g/kg	LD50 Dermal	-	Rat	-
Acetone 67-64-1 / 200-662-2	5800 mg/kg	LD50 Oral	-	Rat	-

Skin corrosion/irritation

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Skin irritation.

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Product / Substance name CAS / EC no.	Result	Species	Method / Guideline
Naphtha (petroleum), hydro-treated light; Low boiling point hydrogen treated naphtha 64742-49-0 / 927-241-2	Repeated exposure may cause skin dryness or cracking.	-	-
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	Skin irritation.	Rabbit	OECD Test Guideline 404
Acetone 67-64-1 / 200-662-2	Repeated exposure may cause skin dryness or cracking.	-	-

Serious eye damage/irritation

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May cause irritation.

Product / Substance name CAS / EC no.	Result	Species
Propan-2-ol 67-63-0 / 200-661-7	Irritating.	-
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	No. Irritating.	Rabbit
Acetone 67-64-1 / 200-662-2	Causes eye irritation.	Rabbit

Respiratory or skin sensitisation

Product / Substance name CAS / EC no.	Result	Test type	Species	Method / Guideline	Other
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	Not a skin sensitiser.	Maximisation Test	Guinea Pig	OECD Test Guideline 406	Dermal

Germ cell mutagenicity

Product / Substance name CAS / EC no.	Result	Species	Method / Guideline
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	Negative.	Rodent cell line	Germ cell mutagenicity (In vitro): Chromosome aberration test in vitro

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Product / Substance name CAS / EC no.	Result	Species	Method / Guideline
			OECD Test Guideline 473

STOT-single exposure

Product / Substance name CAS / EC no.	Exposure route	Result
Propan-2-ol 67-63-0 / 200-661-7	-	May cause drowsiness or dizziness.
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha 64742-49-0 / 927-241-2	Inhalation.	May cause drowsiness or dizziness.
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	-	May cause drowsiness or dizziness.
Acetone 67-64-1 / 200-662-2	Inhalation.	May cause drowsiness or dizziness.

STOT-repeated exposure

Product / Substance name CAS / EC no.	Exposure route	Other
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	Inhalation.	No significant health effects observed in animals at concentrations of 1 mg/l/6h/d or less.

Aspiration hazard

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May be fatal if swallowed and enters airways.

Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha

May be fatal if swallowed and enters airways.

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

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

No data available

Other

Toxicological data: Toxicological information on ingredients.

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SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Product / Substance name CAS / EC no.	Remark
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	Toxic to aquatic life.

Acute fish toxicity

OKS 2611 Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	LC50	> 22 mg/l	96 hours	Onchorhynchus mykiss (Rainbow trout)	OECD Test Guideline 203	GLP: Yes.

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	EbC50	26 mg/l	72 hours	Pseudokirchneriella subcapitata (green algae)	OECD Test Guideline 201

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyc-	EL50	3 mg/l	48 hours	Daphnia magna	OECD Test Guideline 202	GLP: Yes.

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Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
lics, <5% n-hexane / 921-024-6						

Chronical toxicity

Product / Substance name CAS / EC no.	Remark
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha 64742-49-0 / 927-241-2	Harmful to aquatic life with long lasting effects.
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Persistence and degradability

Product / Substance name CAS / EC no.	Result
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha 64742-49-0 / 927-241-2	Rapidly biodegradable
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane / 921-024-6	The product is readily biodegradable.
Acetone 67-64-1 / 200-662-2	Rapidly biodegradable
Propan-2-ol 67-63-0 / 200-661-7	The substance is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

This product does not contain any PBT or vPvB substances.

Product / Substance name CAS / EC no.	LogKow / LogPow	Result
Propan-2-ol 67-63-0 / 200-661-7	0,05	Bioaccumulation: Is not expected to be bioaccumulable.
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	-	No data available on bioaccumulation.

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Product / Substance name CAS / EC no.	LogKow / LogPow	Result
64742-49-0 / 927-241-2		
Acetone 67-64-1 / 200-662-2	0,2	Not bioaccumulable.
carbon dioxide 124-38-9 / 204-696-9	0,83	-

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Other adverse effects

Harmful to aquatic life with long lasting effects.

Other

CARBON DIOXIDE

The product contains substances which contribute to global warming (greenhouse effect).

20 years global warming potential 1

100 years global warming potential 1

No single lifetime can be given. The impulse response function for CO₂ from Joos et al. (2013) has been used. See also Supplementary Material Section 8.SM.11.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Do not dispose of with domestic refuse.

Dispose of waste and residues in accordance with local authority requirements.

Waste codes should be assigned by the user based on the application for which the product was used.

Packaging

Packaging that is not properly emptied must be disposed of as the unused product.

Offer empty spray cans to an established disposal company.

Pressurized container Do not pierce or burn, even after use.

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Waste code	Waste description
16 05 04*	gases in pressure containers (including halons) containing hazardous substances

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

1950

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

AEROSOLS, flammable

IMDG proper shipping name

AEROSOLS

IATA proper shipping name

Aerosols, flammable

14.3. Transport hazard class(es)

Label

2.1

ADR/RID/ADN



2.1

IMDG



2.1

IATA



2.1

ADR / RID Class

2

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ADR / RID Classification code

5F

ADR / RID hazard identification number

23

IMDG Class

2.1

IATA Class

2.1

14.4. Packing group

Not applicable

14.5. Environmental hazards

No.

IMDG EmS

F-D, S-U

IMDG Marine Pollutant

No.

14.6. Special precautions for user

Tunnel restriction code D

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Other

Additional information IATA (ICAO)

Packing instruction (cargo aircraft) 203

Packing instruction (LQ) Y203

Packing group: No.

Flammable gas. Transport labels

Packing instruction (passenger aircraft) 203

Packing instruction (LQ) Y203

Packing group: No.

Transport labels Flammable gas.

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SECTION 15: Regulatory information

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

EU regulations

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). (EU SVHC)

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorisation (Annex XIV) (EU. REACH-Annex XIV) Not applicable.

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer (EC 1005/2009) Not applicable.

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) (EU POP) Not applicable.

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals (EU PIC) Not applicable.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) Not applicable. P5c Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P3b AEROSOLS, flammable

VOC = Volatile Organic Compounds. Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Content: %: 96,39

National regulations

EH40/2005 Workplace exposure limits as amended

Other regulations, limitations and legal regulations

As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Changes to previous revision

2023-12-05

3

Abbreviations

2000/39/EC Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

2006/15/EC Occupational exposure limits: EU Directives

SE AFS Sweden. Occupational Exposure Limit Values.

2000/39/EC TWA Limit Value - eight hours

2006/15/EC TWA Limit Value - eight hours

SE AFS NGV Time Weighted Average

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SE AFS KGV Short Term

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
 bw - Body weight
 CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
 DIN – Standard of the German Institute for Standardisation
 ECHA - European Chemicals Agency
 EC-Number - European Community number
 EmS – Emergency Schedule
 GHS - Globally Harmonized System
 GLP - Good Laboratory Practice
 IARC Int. Agency for Cancer Research.
 IATA - International Air Transport Association
 IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 - Half maximal inhibitory concentration
 ICAO – International Civil Aviation Organization
 IMDG - International Maritime Dangerous Goods
 IMO - International Maritime Organization
 ISO - International Organisation for Standardization
 LC50 - Lethal Concentration to 50 % of a test population
 LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
 MARPOL – International Convention for the Prevention of Pollution from Ships
 n.o.s. - Not Otherwise Specified
 NO(A)EC - No Observed (Adverse) Effect Concentration
 NO(A)EL - No Observed (Adverse) Effect Level
 PBT - Persistent, Bioaccumulative and Toxic substance
 REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
 RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
 SDS - Safety Data Sheet
 SVHC = Substance of Very High Concern.
 TRGS - Technical Rule for Hazardous Substances
 vPvB = very Persistent and very Bioaccumulative.

Phrase meaning

Aerosol 1 - Aerosol, Hazard category 1

Asp. Tox. 1 - Aspiration hazard, hazard category 1

Skin Irrit. 2 - Skin irritation, hazard category 2

Eye Irrit. 2 - Eye irritation, hazard category 2

STOT SE 3 - narcosis - Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3

Flam. Liq. 2 - Flammable liquids, hazard category 2

Aquatic Chronic 2 - Hazardous to the aquatic environment — Chronic hazard category 2

Press. Gas - Gases under pressure, Compressed gas

Flam. Liq. 3 - Flammable liquids, hazard category 3

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H226 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.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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Additional information

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