

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



WIKO®SPRÜHKLEBSTOFF KAROSSERIE /SPRAY ADHESIVE BODYWORK

Material number SPRÜHKLEBSTOFF KAROSSERIE

Version: 12.2
Replaces version: 12.1

Revision date: 13/1/2025
Date of print: 23/1/2025

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Language: en-IE

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

1.1 Product identifier

Trade name: WIKO®SPRÜHKLEBSTOFF KAROSSERIE /SPRAY ADHESIVE BODYWORK

This safety data sheet pertains to the following products:
WIKO®SPRAY ADHESIVE BODYWORK

UFI: SH30-20YS-E004-6MQ3

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

General use: Adhesives, sealants

1.3 Details of the supplier of the safety data sheet

Company name: WIKO Klebetechnik Sp. z o.o.
Street/POB-No.: ul. Ekonomiczna 8
Postal Code, city: PL-42-271 Czestochowa
WWW: www.gluetec-group.com
E-mail: info.pl@gluetec-group.com
Telephone: +48 (0) 34 372 58 58
Telefax: +48 (0) 34 371 11 14

Department responsible for information:
Telephone: +48 (0) 34 372 58 58, E-mail: info.pl@gluetec-group.com

1.4 Emergency telephone number

GIZ-Nord, Göttingen, Germany,
Telephone: +49 551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aerosol 1; H222; H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
Skin Irrit. 2; H315	Causes skin irritation.
Eye Irrit. 2; H319	Causes serious eye irritation.
Skin Sens. 1; H317	May cause an allergic skin reaction.
STOT SE 3; H336	May cause drowsiness or dizziness.
Asp. Tox. 1; H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 3; H412	Harmful to aquatic life with long lasting effects.

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2.2 Label elements

Labelling (CLP)



Signal word:

Danger

Hazard statements:

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.
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.
P261 Avoid breathing spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container to hazardous or special waste collection point.

Special labelling

Text for labelling:

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

2.3 Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may lead to a narcotic effect.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

This 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% (w/w) or higher.
The product does not contain any substances classified as PBT or vPvB.

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SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Aerosol of the substances listed below with non-hazardous additions.

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-2119475514-35-xxxx list no. 921-024-6 CAS -	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Flam. Liq. 2; H225. Skin Irrit. 2; H315. STOT SE 3; H336. Asp. Tox. 1; H304. Aquatic Chronic 2; H411.	< 15 %
REACH 01-2119480418-32-xxxx EC No. 232-475-7 CAS 8050-09-7	Colophony Skin Sens. 1; H317.	< 10 %
REACH 01-2119471330-49-xxxx EC No. 200-662-2 CAS 67-64-1	Acetone Flam. Liq. 2; H225. Eye Irrit. 2; H319. STOT SE 3; H336. (EUH066).	< 10 %
REACH 01-2119463881-32-xxxx EC No. 215-222-5 CAS 1314-13-2	Zinc oxide Aquatic Acute 1; H400. Aquatic Chronic 1; H410. M-factors: Aquatic Acute 1: M = 1. Aquatic Chronic 1: M = 1.	< 0.5 %
REACH 01-2119472128-37-xxxx EC No. 204-065-8 CAS 115-10-6	Dimethyl ether Flam. Gas 1; H220. Press. Gas (Liq.); H280.	60 - 65 %

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:	If medical advice is needed, have product container or label at hand. First aider: Pay attention to self-protection!
In case of inhalation:	Move victim to fresh air; if necessary, provide artificial respiration or oxygen. In all cases of doubt, or when symptoms persist, seek medical advice.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.
After swallowing:	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth and seek medical attention immediately.

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4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray jet, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Water

5.2 Special hazards arising from the substance or mixture

Extremely flammable aerosol. Vapours form potentially explosive mixtures with air. Heavier than air, they proceed at floor level and may backflash over great distances when ignited.
May form dangerous gases and vapours in case of fire. Furthermore, there may develop: Carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Heating will lead to pressure increase: Danger of bursting and explosion. Cool endangered containers with water spray and, if possible, remove from danger zone. Use water spray jet to knock down vapours. Do not breathe fumes.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe spray. Avoid contact with the substance.
Eliminate all ignition sources if safe to do so. Provide adequate ventilation.
Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.
Keep unprotected people away.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. Danger of explosion! If necessary notify appropriate authorities.

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6.3 Methods and material for containment and cleaning up

Take up with non-flammable, liquid binding material (e.g. sand/earth/diatomaceous earth/vermiculit) and perform disposal according to instructions. Ventilate affected area.

Additional information: Use explosion-proof equipment and non-sparking tools/utensils.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.
Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.

Precautions against fire and explosion:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material. Keep away from sources of ignition - No smoking. Potentially explosive vapour/air mixtures may form. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Use only non-sparking tools. Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place. Keep only in the original container. Do not drop, drag or bang the container. Protect from heat and direct sunlight.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs.
Do not store together with combustible or self-igniting materials or any highly flammable solids.

7.3 Specific end use(s)

No information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
67-64-1	Acetone	Europe: IOELV: TWA Ireland: 8 hours	1,210 mg/m ³ ; 500 ppm 1,210 mg/m ³ ; 500 ppm
1314-13-2	Zinc oxide	Ireland: 15 minutes Ireland: 8 hours	10 mg/m ³ (respirable fraction) 2 mg/m ³ (respirable fraction)
115-10-6	Dimethyl ether	Europe: IOELV: TWA Ireland: 8 hours	1,920 mg/m ³ ; 1,000 ppm 1,920 mg/m ³ ; 1,000 ppm

DNEL/DMEL:

Information about Dimethyl ether:

DNEL workers long-term, systemic, inhalative: 1,894 mg/m³

DNEL consumers long-term, systemic, inhalative: 471 mg/m³

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

DNEL workers long-term, systemic, dermal: 773 mg/kg kg/d

DNEL workers long-term, systemic, inhalative: 2,035 mg/m³

DNEL consumers long-term, systemic, dermal: 699 mg/kg kg/d

DNEL consumers long-term, systemic, inhalative: 608 mg/m³

DNEL consumers long-term, systemic, oral: 699 mg/kg kg/d

Information about Acetone:

DNEL workers long-term, systemic, dermal: 186 mg/kg kg/d

DNEL workers long-term, systemic, inhalative: 1,210 mg/m³

DNEL workers short-term, local, inhalative: 2,420 mg/m³

DNEL consumers long-term, systemic, dermal: 62 mg/kg kg/d

DNEL consumers long-term, systemic, inhalative: 200 mg/m³

DNEL consumers long-term, systemic, oral: 62 mg/kg kg/d

Information about Zinc oxide:

DNEL workers long-term, systemic, dermal: 83 mg/kg kg/d

DNEL workers long-term, systemic, inhalative: 5 mg/m³

DNEL workers long-term, local, inhalative: 0.5 mg/m³

DNEL consumers long-term, systemic, dermal: 2.5 mg/kg kg/d

DNEL consumers long-term, systemic, inhalative: 83 mg/m³

DNEL consumers long-term, systemic, oral: 0.83 mg/kg kg/d

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PNEC:

Information about Dimethyl ether:

PNEC Water (freshwater): 0.155 mg/L
PNEC Water (marine water): 0.016 mg/L
PNEC Water (intermittent release): 1.549 mg/L
PNEC sediment (freshwater): 0.681 mg/kg
PNEC sediment (marine water): 0.069 mg/kg
PNEC sewage treatment plant: 160 mg/L
PNEC soil: 0.045 mg/kg

Information about Acetone:

PNEC Water (freshwater): 10.6 mg/L
PNEC Water (marine water): 1.06 mg/L
PNEC Water (intermittent release): 21 mg/L
PNEC sediment (freshwater): 30.4 mg/kg
PNEC sediment (marine water): 3.04 mg/kg
PNEC sewage treatment plant: 100 mg/L
PNEC soil: 29.5 mg/kg

Information about Zinc oxide:

PNEC Water (freshwater): 0.0179 mg/L
PNEC Water (marine water): 0.009 mg/L
PNEC sediment (freshwater): 182.8 mg/kg
PNEC sediment (marine water): 201.9 mg/kg
PNEC sewage treatment plant: 0.1245 mg/L
PNEC soil: 103.4 mg/kg

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded.
Suitable respiratory protection apparatus: combination filter A-P2
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection: Protective gloves according to BS EN ISO 374:1.
Glove material: butyl caoutchouc (butyl rubber) - Layer thickness: 0.5 mm
Breakthrough time: 240 min
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to BS EN ISO 16321-1:2022.

Body protection: Wear suitable protective clothing.
Anti-static clothing including shoes are recommended.

General protection and hygiene measures:
Use only non-sparking tools. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Do not breathe vapour/aerosol. Change contaminated clothing. Wash contaminated clothing prior to re-use. Have eye wash bottle or eye rinse ready at work place. When using do not eat, drink or smoke. Wash hands before breaks and after work.

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Environmental exposure controls

See section 6.2 Environmental precautions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa	liquid
Colour:	Form: Aerosol yellow
Odour:	like solvent
Odour threshold:	No data available
Melting point/freezing point:	not applicable
Initial boiling point and boiling range:	<= -20 °C
Flammability:	Extremely flammable aerosol.
Upper/lower flammability or explosive limits:	LEL (Lower Explosion Limit): 2.60 Vol-% UEL (Upper Explosive Limit): 26.20 Vol-%
Flash point/flash point range:	<= -20 °C
Auto-ignition temperature:	> 200 °C
Decomposition temperature:	not determined
pH:	not applicable
Viscosity, kinematic:	not applicable
Water solubility:	at 20 °C: insoluble
Partition coefficient: n-octanol/water:	not determined -0.23 log P(o/w) (Acetone) Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.
Vapour pressure:	No data available
Density:	at 20 °C: 0.708 g/mL (calculated)
Vapour density:	not determined
Particle characteristics:	Not applicable

9.2 Other information

Explosive properties:	Product is not explosive. Potentially explosive vapour/air mixtures may form.
Oxidizing characteristics:	No data available
Auto-ignition temperature:	No data available
Evaporation rate:	not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Extremely flammable aerosol.
Vapours can form explosive mixtures with air.

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10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Pressurised container: May burst if heated.

10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.
Protect from direct exposure to sunlight and temperatures exceeding 50 °C.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Thermal decomposition: No hazardous decomposition products known.
not determined

SECTION 11: Toxicological information

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

Toxicological effects:

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Skin Irrit. 2; H315 = Causes skin irritation.

Serious eye damage/irritation: Eye Irrit. 2; H319 = Causes serious eye irritation.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Skin Sens. 1; H317 = May cause an allergic skin reaction.

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

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

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

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): STOT SE 3; H336 = May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Asp. Tox. 1; H304 = May be fatal if swallowed and enters airways.

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11.2 Information on other hazards

Endocrine disrupting properties:

This 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% (w/w) or higher.

Other information:

Information about Dimethyl ether:

LC50 Rat, inhalative: 164,000 ppm/4h

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

LD50 Rat, oral: > 5,000 mg/kg

LD50 Rat, dermal: > 2,800 - 3,100 mg/kg

LC50 Rat, inhalative (vapour): > 25.2 mg/L/4h

Information about Colophony:

LD50 Rat, oral: > 2,000 mg/kg (OECD 423)

LC50 Rat, dermal: > 2,000 mg/kg (OECD 402)

Information about Acetone:

LD50 Rat, oral: 5,800 mg/kg

LC50 Rabbit, dermal: > 7,426 mg/kg

LC50 Rat, inhalative (vapour): 76 mg/L/4h (OECD 403)

Information about Zinc oxide:

LD50 Mouse, oral: > 5,000 mg/kg (OECD 423)

Symptoms

In case of inhalation: Inhaling can lead to irritations of the respiratory tract and mucous membrane.

After contact with skin: Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects.

Information about Dimethyl ether:

Fish toxicity:

LC50: *Poecilia reticulata*: 4,100 mg/L/96h

Daphnia toxicity:

EC50 *Daphnia magna* (Big water flea): > 4,400 mg/L/48h

Algae toxicity:

ErC50 Green algae: 154.917 mg/L/96h

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

Fish toxicity:

LC50 *Oncorhynchus mykiss*: 11.4 mg/L/96h (OECD 203)

Daphnia toxicity:

EL50 *Daphnia magna* (Big water flea): 3 mg/L/48h (OECD 202)

Algae toxicity:

ErC50 *Pseudokirchneriella subcapitata* (green algae): 10 - 30 mg/L/72h (OECD 201)

Information about Colophony:

Fish toxicity:

LL50 *Danio rerio* (zebrafish): > 1000 mg/L/96h (OECD 203)

Daphnia toxicity:

EC50 *Daphnia magna* (Big water flea): 100 mg/L/48h (OECD 202)

Algae toxicity:

ErC50 *Selenastrum capricornutum*: > 100 mg/L/72h (OECD 201)

Information about Acetone:

Fish toxicity:

LC50 *Pimephales promelas* (fathead minnow): 8,120 mg/L/96h (OECD 203)

Daphnia toxicity:

EC50 *Daphnia pulex* (water flea): 8,800 mg/L/48h

NOEC *Daphnia magna* (Big water flea): 2212 mg/L/28d

Algae toxicity:

NOEC *Selenastrum capricornutum*: 430 mg/L/4d

Information about Zinc oxide:

Fish toxicity:

LC50 *Danio rerio* (zebrafish): 4.92 mg/L/96h

Daphnia toxicity:

EC50 *Daphnia magna* (Big water flea): 7.5 mg/L/48h (OECD 202)

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12.2 Persistence and degradability

Further details:

Biodegradability:

Information about Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane: 98 %/ 28d, readily biodegradable (according to OECD criteria).

Information about Acetone: 91 %/ 28d, readily biodegradable (according to OECD criteria).

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

not determined

-0.23 log P(o/w) (Acetone)

Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

The product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties

None

12.7 Other adverse effects

General information:

Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 16 05 04* = Gases in pressure containers (including halons) containing hazardous substances
* = Evidence for disposal must be provided.

Recommendation: Special waste. Do not open with force or incinerate, even when empty.
Dispose of waste according to applicable legislation.
Do not dispose of with household waste.

Package

Waste key number: 15 01 10* = packaging containing residues of or contaminated by dangerous substances
* = Evidence for disposal must be provided.

Recommendation: Empty carefully and completely, if possible.
Dispose of waste according to applicable legislation.

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SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID, IMDG, IATA-DGR: UN 1950

14.2 UN proper shipping name

ADR/RID, IMDG: UN 1950, AEROSOLS
IATA-DGR: UN 1950, AEROSOLS, FLAMMABLE

14.3 Transport hazard class(es)

ADR/RID: Class 2, Code: 5F
IMDG: Class 2, Subrisk -, see SP63
IATA-DGR: Class 2.1



14.4 Packing group

ADR/RID, IATA-DGR: not applicable
IMDG: -

14.5 Environmental hazards

Dangerous for the environment:

Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant: no

14.6 Special precautions for user

Land transport (ADR/RID)

Warning board: RID: Kemmler-number 23, UN number UN 1950
Hazard label: 2.1
Special Provisions: 190 327 344 625
Limited quantities: 1 L
EQ: E0
Package - Instructions: P207 LP200
Package - Special Provisions: PP87 RR6 L2
Special provisions for packing together: MP9
Tunnel restriction code: D

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Sea transport (IMDG)

EmS: F-D, S-U
Special Provisions: 63 190 277 327 344 381 959
Limited quantities: See SP277
Excepted quantities: E0
Package - Instructions: P207, LP200
Package - Provisions: PP87, L2
IBC - Instructions: -
IBC - Provisions: -
Tank instructions - IMO: -
Tank instructions - UN: -
Tank instructions - Provisions: -
Stowage and handling: SW1 SW22
Segregation: SG69
Properties and observations: -
Segregation group: none

Air transport (IATA)

Hazard label: Flamm. gas
Excepted Quantity Code: E0
Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G
Passenger and Cargo Aircraft: Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg
Cargo Aircraft only: Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg
Special Provisions: A145 A167 A802
Emergency Response Guide-Code (ERG): 10L

14.7 Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

National regulations - EC member states

Volatile organic compounds (VOC):

94.709 % by weight = 670.536 g/L

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Labelling of packaging with <= 125mL content



Signal word:

Danger

Hazard statements:

- | | |
|-----------|---|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H317 | May cause an allergic skin reaction. |
| H336 | May cause drowsiness or dizziness. |
| H412 | Harmful to aquatic life with long lasting effects. |
| P102 | Keep out of reach of children. |
| 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. |
| P261 | Avoid breathing spray. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |
| P501 | Dispose of contents/container to hazardous or special waste collection point. |

Further regulations, limitations and legal requirements:

Product:

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: Physical hazards: Code P3a,
Quantity threshold 150 000 kg / 500 000 kg
Use restriction according to REACH annex XVII, no.: 3, 40, 75
Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: P3a

Acetone:

Regulation (EU) 2019/1148 (marketing and use of explosives precursors): listed
REGULATION (EC) 273/2004 (Drug precursors): Category 3
REGULATION (EC) 111/2005 (Trade with drug precursors): Category 3

15.2 Chemical Safety Assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
Dimethyl ether

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SECTION 16: Other information

Wording of the H-phrases under paragraph 2 and 3:

H222 = Extremely flammable aerosol.
H229 = Pressurised container: May burst if heated.
H315 = Causes skin irritation.
H317 = May cause an allergic skin reaction.
H319 = Causes serious eye irritation.
H336 = May cause drowsiness or dizziness.
H412 = Harmful to aquatic life with long lasting effects.
H225 = Highly flammable liquid and vapour.
H304 = May be fatal if swallowed and enters airways.
H411 = Toxic to aquatic life with long lasting effects.
EUH066 = Repeated exposure may cause skin dryness or cracking.
H400 = Very toxic to aquatic life.
H410 = Very toxic to aquatic life with long lasting effects.
H220 = Extremely flammable gas.
H280 = Contains gas under pressure; may explode if heated.

Reason of change: Changes in section 14: ADN 2025

Date of first version: 22/10/2013

Department issuing data sheet:
see section 1: Department responsible for information

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Abbreviations and acronyms:

- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- Aerosol: Aerosol
- Aquatic Acute: Hazardous to the aquatic environment - acute
- Aquatic Chronic: Hazardous to the aquatic environment - chronic
- AS/NZS: Australian Standards/New Zealand Standards
- Asp. Tox.: Aspiration toxicity
- CAS: Chemical Abstracts Service
- CFR: Code of Federal Regulations
- CLP: Classification, Labelling and Packaging
- DMEL: Derived minimal effect level
- DNEL: Derived no-effect level
- EC: European Community
- EC50: Effective Concentration 50%
- EL50: Effective loading rate 50%
- EN: European Standard
- EQ: Excepted quantities
- EU: European Union
- Eye Irrit.: Eye irritation
- Flam. Gas: Flammable gases
- Flam. Liq.: Flammable liquid
- IATA: International Air Transport Association
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
- IMDG Code: International Maritime Dangerous Goods Code
- LC50: Median lethal concentration
- LD50: Lethal dose 50%
- LEL: Lower Explosion Limit
- log P(o/w): Partition coefficient: octanol/water
- MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
- M-factor: Multiplication factor
- OECD: Organisation for Economic Co-operation and Development
- OEL: Occupational Exposure Limit Value
- OSHA: Occupational Safety and Health Administration
- PBT: Persistent, bioaccumulative and toxic
- PNEC: Predicted no-effect concentration
- Press. Gas: Gases under pressure
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
- Skin Irrit.: Skin irritation
- Skin Sens.: Skin sensitisation
- STOT SE: Specific target organ toxicity - single exposure
- TLV: Threshold Limit Value
- TRGS: Technical Rules for Hazardous Substances
- UN: United Nations
- vPvB: Very persistent and very bioaccumulative
- WEL: Workplace Exposure Limit

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Most recent product information is available at:
<http://sumdat.net/ne31knv9>

