

# Safety data sheet according to Regulation 1907/2006

**silco**<sup>®</sup>

Product name: 9005 Black Matt Spray

Creation date: 15.12.2020 Revision: 18.01.2021 Version: 2.2

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

#### 1.1.1 Product name

9005 Black Matt Spray

#### 1.1.3 Product code

9005-0,5

<https://my.chemius.net/p/bbKGES/en/pd/en>

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

#### 1.2.1 Relevant identified uses

No information.

#### 1.2.2 Uses advised against

No information.

### 1.3 Details of the supplier of the safety data sheet

#### 1.3.1 Supplier

SILCO d.o.o.  
Sentrupert 5a  
3303 Gomilsko, Slovenia  
00386 3 703 3180  
n.cvilak@silco.si

### 1.4 Emergency Telephone Number

#### Emergency

112

#### Supplier

00386 3 703 3180

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Aerosol 1; H222 Extremely flammable aerosol.  
Aerosol 1; H229.1 Pressurised container: May burst if heated.  
Eye Irrit. 2; H319 Causes serious eye irritation.  
STOT SE 3; H336 May cause drowsiness or dizziness.

### 2.2 Label elements

#### 2.2.1 Labelling according to Regulation (EC) No 1272/2008 [CLP]



#### Signal word: Danger

H222 Extremely flammable aerosol.  
H229.1 Pressurised container: May burst if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
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.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.  
P501 Dispose of contents/container in accordance with national regulation.

#### 2.2.2 Contains:

acetone  
n-butyl acetate  
butan-1-ol

### 2.3 Other hazards

No information.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

For mixtures see 3.2.

### 3.2 Mixtures

NAME	CAS EC INDEX REACH	%	CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008 (CLP)	SPECIFIC CONC. LIMITS	NOTES FOR SUBSTANCES
dimethyl ether	115-10-6 204-065-8 603-019-00-8	40-50	Flam. Gas 1; H220	/	/
acetone	67-64-1 200-662-2 606-001-00-8	20-25	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	/	/
n-butyl acetate	123-86-4 204-658-1 607-025-00-1	10-15	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/	/
xylene	1330-20-7 215-535-7 601-022-00-9	2.5-5	Flam. Liq. 3; H226 Acute Tox. 4; H312 Skin Irrit. 2; H315 Acute Tox. 4; H332	/	C
butan-1-ol	71-36-3 200-751-6 603-004-00-6	1-2.5	Flam. Liq. 3; H226 Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335 STOT SE 3; H336	/	/
2-methoxy-1-methylethyl acetate [108-65-6]	84540-57-8 283-152-2 -	1-2.5	Flam. Liq. 3; H226 Eye Irrit. 2; H319	/	/

#### Notes for substances

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Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.

In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

## SECTION 4: FIRST AID MEASURES

## 4.1 First aid measures

### 4.1.1 General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

### 4.1.2 Following inhalation

Remove patient to fresh air - move out of dangerous area. Obtain professional medical help!

### 4.1.3 Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention.

### 4.1.4 Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

### 4.1.5 Following ingestion

No information.

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

### 4.2.1 Following inhalation

Vapours may cause drowsiness and dizziness.

### 4.2.3 Following eye contact

Redness, tearing, pain.

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

No information.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### 5.1.1 Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

#### 5.1.2 Unsuitable extinguishing media

Full water jet.

## 5.2 Special hazards arising from the substance or mixture

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## 5.3 Advice for firefighters

### 5.3.1 Protective actions

Cool containers at risk with water spray. If possible remove containers from endangered area.

### 5.3.2 Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

##### Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

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### 6.2 Environmental precautions

In case of release into the environment, inform the relevant authorities.

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### 6.3 Methods and material for containment and cleaning up

#### 6.3.2 For cleaning up

Collect the spray cans and hand them over to an authorized waste disposal contractor.

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### 6.4 Reference to other sections

See also sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

## 7.1 Precautions for safe handling

### 7.1.1 Protective measures

#### Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges.

### 7.1.6 Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist.

## 7.2 Conditions for safe storage, including any incompatibilities

### 7.2.1 Technical measures and storage conditions

Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs.

## 7.3 Specific end use(s)

### Recommendations

No information.

### Industrial sector specific solutions

No information.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**8.1.1 Occupational Exposure limit values**

NAME	MG/M <sup>3</sup>	ML/M <sup>3</sup>	SHORT-TERM VALUE MG/M <sup>3</sup>	SHORT-TERM VALUE ML/M <sup>3</sup>	REMARK	BIOLOGICAL TOLERANCE VALUES
Xylene, o-,m-,p- or mixed isomers (1330-20-7)	220	50	441	100	Sk, BMGV	650 mmol methyl hippuric acid/mol creatinine in urine - Post shift
Acetone (67-64-1)	1210	500	3620	1500	/	/
Butan-1-ol (71-36-3)	/	/	154	50	Sk	/
Butyl acetate (123-86-4)	724	150	966	200	/	/
Dimethyl ether (115-10-6)	766	400	958	500	/	/

**8.1.2 Information on monitoring procedures**

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents.

**8.1.3 DNEL/DMEL values****For product**

No information.

**For components**

NAME	TYPE	EXPOSURE ROUTE	EXP. FREQUENCY	REMARK	VALUE
dimethyl ether	Worker	inhalation	long term systemic effects	/	1894 mg/m <sup>3</sup>

NAME	TYPE	EXPOSURE ROUTE	EXP. FREQUENCY	REMARK	VALUE
dimethyl ether	Consumer	inhalation	long term systemic effects	/	471 mg/m <sup>3</sup>
acetone	Worker	inhalation	long term systemic effects	/	1210 mg/m <sup>3</sup>
acetone	Worker	inhalation	short term local effects	/	2420 mg/m <sup>3</sup>
acetone	Worker	dermal	long term systemic effects	/	186 mg/kg bw/day
acetone	Consumer	inhalation	long term systemic effects	/	200 mg/m <sup>3</sup>
acetone	Consumer	dermal	long term systemic effects	/	62 mg/kg bw/day
acetone	Consumer	oral	long term systemic effects	/	62 mg/kg bw/day
n-butyl acetate	Worker	inhalation	long term systemic effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	short term systemic effects	/	600 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	long term local effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	short term local effects	/	600 mg/m <sup>3</sup>
n-butyl acetate	Worker	dermal	long term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Worker	dermal	short term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Consumer	inhalation	long term systemic effects	/	35.7 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	short term systemic effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	long term local effects	/	35.7 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	short term local effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Consumer	dermal	long term systemic effects	/	6 mg/kg bw/day
n-butyl acetate	Consumer	dermal	short term systemic effects	/	6 mg/kg bw/day
n-butyl acetate	Consumer	oral	long term systemic effects	/	2 mg/kg bw/day
n-butyl acetate	Consumer	oral	short term systemic effects	/	2 mg/kg bw/day
xylene	Worker	inhalation	long term systemic effects	/	221 mg/m <sup>3</sup>
xylene	Worker	inhalation	short term systemic effects	/	442 mg/m <sup>3</sup>
xylene	Worker	inhalation	long term local effects	/	221 mg/m <sup>3</sup>
xylene	Worker	inhalation	short term local effects	/	442 mg/m <sup>3</sup>
xylene	Worker	dermal	long term systemic effects	/	212 mg/kg bw/day
xylene	Consumer	inhalation	long term systemic effects	/	65.3 mg/m <sup>3</sup>
xylene	Consumer	inhalation	short term systemic effects	/	260 mg/m <sup>3</sup>
xylene	Consumer	inhalation	long term local effects	/	65.3 mg/m <sup>3</sup>
xylene	Consumer	inhalation	short term local effects	/	260 mg/m <sup>3</sup>
xylene	Consumer	dermal	long term systemic effects	/	125 mg/kg bw/day
xylene	Consumer	oral	long term systemic effects	/	12.5 mg/kg bw/day
butan-1-ol	Worker	inhalation	long term local effects	/	310 mg/m <sup>3</sup>
butan-1-ol	Consumer	inhalation	long term systemic effects	/	55.357 mg/m <sup>3</sup>
butan-1-ol	Consumer	inhalation	long term local effects	/	155 mg/m <sup>3</sup>
butan-1-ol	Consumer	dermal	long term systemic effects	/	3.125 mg/kg bw/day
butan-1-ol	Consumer	oral	long term systemic effects	/	1.562 mg/kg bw/day



### **8.1.6 PNEC values**

#### **For product**

No information.

#### **For components**

NAME	EXPOSURE ROUTE	REMARK	VALUE
dimethyl ether	fresh water	/	0.155 mg/L
dimethyl ether	water, intermittent release	/	1.549 mg/L
dimethyl ether	marine water	/	0.016 mg/L
dimethyl ether	water treatment plant	/	160 mg/L
dimethyl ether	fresh water sediment	dry weight	0.681 mg/kg
dimethyl ether	marine water sediment	dry weight	0.069 mg/kg
dimethyl ether	soil	dry weight	0.045 mg/kg
acetone	fresh water	/	10.6 mg/L
acetone	water, intermittent release	/	21 mg/L
acetone	marine water	/	1.06 mg/L
acetone	water treatment plant	/	100 mg/L
acetone	fresh water sediment	dry weight	30.4 mg/kg
acetone	marine water sediment	dry weight	3.04 mg/kg
acetone	soil	dry weight	29.5 mg/kg
n-butyl acetate	fresh water	/	0.18 mg/L
n-butyl acetate	water, intermittent release	/	0.36 mg/L
n-butyl acetate	marine water	/	0.018 mg/L
n-butyl acetate	water treatment plant	/	35.6 mg/L
n-butyl acetate	fresh water sediment	dry weight	0.981 mg/kg
n-butyl acetate	marine water sediment	dry weight	0.098 mg/kg
n-butyl acetate	soil	dry weight	0.09 mg/kg
xylene	fresh water	/	0.327 mg/L
xylene	water, intermittent release	/	0.327 mg/L
xylene	marine water	/	0.327 mg/L
xylene	water treatment plant	/	6.58 mg/L
xylene	fresh water sediment	dry weight	12.46 mg/kg
xylene	marine water sediment	dry weight	12.46 mg/kg
xylene	soil	dry weight	2.31 mg/kg
butan-1-ol	fresh water	/	0.082 mg/L
butan-1-ol	water, intermittent release	/	2.25 mg/L
butan-1-ol	marine water	/	0.008 mg/L
butan-1-ol	water treatment plant	/	2476 mg/L
butan-1-ol	fresh water sediment	dry weight	0.324 mg/kg
butan-1-ol	marine water sediment	dry weight	0.032 mg/kg
butan-1-ol	soil	dry weight	0.017 mg/kg

## 8.2 Exposure controls

### 8.2.1 Appropriate engineering control

**Substance/mixture related measures to prevent exposure during identified uses**

Use good personal hygiene practices – wash hands at breaks and when done working with material.

**Technical measures to prevent exposure**

Provide good ventilation and local exhaust in areas with increased concentration.

**8.2.6 Personal protective equipment****Eye and face protection**

Safety glasses with side protection (EN 166).

**Hand protection**

Protective gloves (EN 374). In case of prolonged exposure, wear protective gloves (EN 374).

**Skin protection**

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

**Respiratory protection**

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

**8.2.12 Environmental exposure controls****Substance/mixture related measures to prevent exposure**

No information.

**Instruction measures to prevent exposure**

No information.

**Organisational measures to prevent exposure**

No information.

**Technical measures to prevent exposure**

No information.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Physical state**

liquid

**9.1.2 Colour**

No information.

**9.1.3 Odour**

No information.

**9.1.4 Important health, safety and environmental information**

Odour threshold	No information.
pH	No information.
Melting point/Freezing point	No information.
Initial boiling point/boiling range	No information.
Flash point	0 °C (101,1 kPa)
Evaporation rate	No information.
Flammability (solid, gas)	No information.
Explosion limits (vol%)	No information.
Vapour pressure	No information.
Vapour density	No information.
Density / weight	Density: 1.3761 g/cm <sup>3</sup>
Solubility	No information.
Partition coefficient	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
Viscosity	No information.
Explosive properties	No information.
Oxidising properties	No information.

**9.2 OTHER INFORMATION**

Solids content	6.5 % 3.6216 vol %
Weight organic solvents	0.32364 g/l

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

No information.

### 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

No information.

### 10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks.

### 10.5 Incompatible materials

No information.

### 10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### (a) Acute toxicity

##### For product

No information.

**For components**

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	VALUE	METHOD	REMARK
dimethyl ether	inhalation	LC <sub>50</sub>	rat	4 h	308 mg/m <sup>3</sup>	/	/
n-butyl acetate	dermal	LD <sub>50</sub>	rabbit	/	5000 mg/kg	/	/
n-butyl acetate	inhalation	LC <sub>50</sub>	rat	4 h	9.6 - 29.2 mg/l	/	dust/aerosol
n-butyl acetate	oral	LD <sub>50</sub>	rat	/	4700 mg/kg	/	/
xylene	oral	LD <sub>50</sub>	rat	/	> 3523 mg/kg	/	/
xylene	dermal	LD <sub>50</sub>	rabbit	/	4200 mg/kg	/	/
xylene	inhalation (vapours)	LC <sub>50</sub>	rat	4 h	29 mg/l	/	/
butan-1-ol	oral	LD <sub>50</sub>	rat	/	790 mg/kg	/	/
butan-1-ol	dermal	LD <sub>50</sub>	rabbit	/	3400 mg/kg	/	/
butan-1-ol	inhalation	LC <sub>50</sub>	rat	4 h	24.64 mg/l	/	dust/aerosol
2-methoxy-1-methylethyl acetate [108-65-6]	oral	LD <sub>50</sub>	rat	/	8532 mg/kg	/	/
2-methoxy-1-methylethyl acetate [108-65-6]	dermal	LD <sub>50</sub>	rabbit	/	5000 mg/kg	/	/

**(b) Skin corrosion/irritation****For product**

No information.

**For components**

No information.

**(c) Serious eye damage/irritation****For product**

No information.

**For components**

No information.

**(d) Respiratory or skin sensitisation****For product**

No information.

**For components**

No information.

**(e) (Germ cell) mutagenicity****For product**

No information.

**For components**

No information.

**(f) Carcinogenicity****For product**

No information.

**For components**

No information.

**(g) Reproductive toxicity****For product**

No information.

**For components**

No information.

**Summary of evaluation of the CMR properties**

No information.

**(h) STOT-single exposure****For product**

No information.

**For components**

No information.

**(i) STOT-repeated exposure****For product**

No information.

**For components**

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	ORGAN	VALUE	RESULT	METHOD	EXPOSURE	REMARK
acetone	dermal	-	/	/	/	/	Translation required (26939)	/	/	/

**(j) Aspiration hazard****For product**

No information.

**For components**

No information.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### 12.1.1 Acute (short-term) toxicity

##### For product

No information.

##### For components

NAME	TYPE	VALUE	EXPOSURE TIME	SPECIES	ORGANISM	METHOD	REMARK
dimethyl ether	EC <sub>50</sub>	> 4000 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
n-butyl acetate	LC <sub>50</sub>	18 mg/L	96 h	fish	/	/	/
n-butyl acetate	EC <sub>50</sub>	44 mg/L	48 h	crustacea	/	/	/
n-butyl acetate	EC <sub>50</sub>	675 mg/L	72 h	algae	/	/	/
xylene	LC <sub>50</sub>	13.4 mg/L	96 h	fish	<i>Pimephales promelas</i>	/	/
xylene	LC <sub>50</sub>	13.1 - 16.5 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	/
xylene	LC <sub>50</sub>	2661 - 4093 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>	/	/
xylene	LC <sub>50</sub>	19 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	/
xylene	LC <sub>50</sub>	30.26 - 40.75 mg/L	96 h	fish	<i>Poecilia reticulata</i>	/	/
xylene	LC <sub>50</sub>	23.53 - 29.97 mg/L	96 h	fish	<i>Pimephales promelas</i>	/	/
xylene	LC <sub>50</sub>	7711 - 9591 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	/
xylene	LC <sub>50</sub>	780 mg/L	96 h	fish	<i>Cyprinus carpio</i>	/	/
xylene	LC <sub>50</sub>	> 780 mg/L	96 h	fish	<i>Cyprinus carpio</i>	/	/
xylene	LC <sub>50</sub>	13.5 - 17.3 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>	/	/
xylene	EC <sub>50</sub>	3.82 mg/L	48 h	daphnia	/	/	/
butan-1-ol	LC <sub>50</sub>	1376 mg/L	96 h	fish	/	/	/
butan-1-ol	EC <sub>50</sub>	1328 mg/L	48 h	crustacea	/	/	/

#### 12.1.4 Chronic (long-term) toxicity

##### For product

No information.

##### For components

No information.

#### 12.1.7 Additional information

No information.



## 12.2 Persistence and degradability

### 12.2.1 Abiotic degradation, physical- and photo-chemical elimination

**For product**

No information.

**For components**

No information.

### 12.2.4 Biodegradation

**For product**

No information.

**For components**

NAME	TYPE	RATE	TIME	EVALUATION	METHOD	REMARK
acetone	-	/	/	readily biodegradable	/	/
butan-1-ol	aerobic	%	/	readily biodegradable	OECD 301 D	/

### 12.2.7 Additional information

No information.

## 12.3 Bioaccumulative potential

### 12.3.1 Partition coefficient

**For product**

No information.

**For components**

NAME	MEDIA	VALUE	TEMPERATURE	PH	CONCENTRATION	METHOD
acetone	Octanol-water	-0.23	/	/	/	/

### 12.3.4 Bioconcentration factor (BCF)

**For product**

No information.

**For components**

NAME	SPECIES	ORGANISM	VALUE	DURATION	EVALUATION	METHOD	REMARK
acetone	BCF	/	3	/	/	/	/

### 12.3.7 Additional information

No information.

## 12.4 Mobility in soil

### 12.4.1 Known or predicted distribution to environmental compartments

#### For product

No information.

#### For components

No information.

### 12.4.4 Surface tension

#### For product

No information.

#### For components

No information.

### 12.4.7 Adsorption/Desorption

#### For product

No information.

#### For components

No information.

### 12.4.10 Additional information

No information.

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## 12.5 Results of PBT and vPvB assessment

No evaluation.

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## 12.6 Other adverse effects

No information.

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## 12.7 Additional information

# SECTION 13: DISPOSAL CONSIDERATIONS

## 13.1 Waste treatment methods

### 13.1.1 Product / Packaging disposal

**Waste chemical**

Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

**Packaging**

Deliver completely emptied containers to approved waste disposal authorities.

**13.1.6 Waste treatment-relevant information**

No information.





**13.1.7 Sewage disposal-relevant information**

No information.

**13.1.8 Other disposal recommendations**

No information.

**SECTION 14: TRANSPORT INFORMATION**

ADR/RID	IMDG	IATA	ADN
<b>14.1 UN number</b>			
UN 1950	UN 1950	UN 1950	UN 1950
<b>14.2 UN proper shipping name</b>			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
<b>14.3 Transport hazard class(es)</b>			
2	2	2	2
			
<b>14.4 Packing group</b>			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
<b>14.5 Environmental hazards</b>			
NO	NO	NO	NO
<b>14.6 Special precautions for user</b>			
Limited quantities 1 L Transport category 2 Tunnel restriction code (D)	Limited quantities 1 L EmS F-D, S-U Special provisions 190, 327, 344, 625 Packing Instructions P207, LP200 Special packing provisions PP87, RR6, L2	Limited Quantity Packing Instructions Y203 Limited Quantity Net Qty 30 kg G Passenger Packing Instruction Packing Instructions 203 Passenger Packing Instruction Net Qty 25 kg Special provisions A145, A167, A802	Limited quantities 1 L
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>			
Goods may not be carried in bulk in bulk containers, containers or vehicles.	Goods may not be carried in bulk in bulk containers, containers or vehicles.	Not given/not applicable	Not given/not applicable

## SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)(including last amendment Commission Regulation (EU) 2015/830)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

**Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)**

not applicable

## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: OTHER INFORMATION

### Indication of changes

No information.

### Key literature references and sources for data

No information.

### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System

IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

#### List of relevant H phrases

H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.