

according to 1907/2006/EC, Article 31. (2020/878)

Printing date: 22.06.2022

Version: 35 (replaces version 34)

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

- **1.1 Product identifier**
- **Trade name:** RUST CONVERTOR AEROSOL
- **Article number:** 89367, 89567, 89267 (19-00000-0700)
- **UFI:** DQEH-H098-M00A-XW44
- **1.2 Relevant identified uses of the substance or mixture and uses advised against -**
- **Application of the substance / the mixture** Aerosol coating
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Gocableties Ltd T.A. GTSE  
WeWork - Dalton Place  
29 John Dalton St Manchester  
M2 6DS  
E: sales@gtse.co.uk
- **Further information obtainable from:** sales@gtse.co.uk
- **1.4 Emergency telephone number: During normal business hours:** 01246 386 126

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS08 health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

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## · Hazard pictograms



GHS02 GHS05 GHS07 GHS08

## · Signal word Danger

## · Hazard-determining components of labelling:

butanol

Reaction mass of ethylbenzene and xylene

Phenol, 4,4'-(1-methylethyldiene)bis-polymer with 2,2'-[(1-methylethyldiene)bis(4,1-phenylene oxymethylene)] bis[oxirane]

Acetone

## · Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

## · Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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.

P260 Do not breathe mist/vapours/spray.

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

P280 Wear protective gloves / eye protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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 Store in a well-ventilated place.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## · 2.3 Other hazards

## · Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

## · 3.2 Mixtures

· Description: Active substance with propellant

## · Dangerous components:

CAS: 115-10-6	dimethyl ether	25-<50%
EINECS: 204-065-8	Flam. Gas 1A, H220; Press. Gas (Liq.), H280	
Reg.nr.: 01-2119472128-37		

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CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49	Acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	10-<25%
EC number: 905-588-0 Reg.nr.: 01-2119488216-32 01-2119486136-34	Reaction mass of ethylbenzene and xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-<25%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	2,5-<10%
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35	1-methoxy-2-propanol Flam. Liq. 3, H226; STOT SE 3, H336	2,5-<10%
CAS: 71-36-3 EINECS: 200-751-6 Reg.nr.: 01-2119484630-38	butanol Flam. Liq. 3, H226; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	≥3-<10%
CAS: 25036-25-3 Reg.nr.: Exempted (Annex V)	Phenol, 4,4'-(1-methylethyidene)bis-polymer with 2,2'-[(1-methylethyidene)bis(4,1-phenylene oxymethylene)] bis[oxirane] Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	1-<2,5%
CAS: 78-83-1 EINECS: 201-148-0 Reg.nr.: 01-2119484609-23	butanol Flam. Liq. 3, H226; Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335-H336	0,1-<1%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	xylene (mix) Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0,1-<1%

**Additional information:**

Aerosols and containers fitted with a solid atomizer containing substances or mixtures classified as hazardous by aspiration shall not be labelled for that hazard.

The text of the hazard statements mentioned here can be found in chapter 16.

The application of a TWD (Tactile Warning of Danger) is mandatory if this product is offered on the consumer market. Please note that the TWD is part of the packaging and not of the classification.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Do not induce vomiting; call for medical help immediately.**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

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

No further relevant information available.

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### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
  - Water haze
  - Fire-extinguishing powder
  - Carbon dioxide
  - Alcohol resistant foam
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
  - Do not allow product to reach sewage system or any water course.
  - Inform respective authorities in case of seepage into water course or sewage system.
  - Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
  - Dispose contaminated material as waste according to item 13.
  - Ensure adequate ventilation.
  - Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**
  - Do not spray onto a naked flame or any incandescent material.
  - Keep ignition sources away - Do not smoke.
  - Protect against electrostatic charges.
  - Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
  - Store in a cool location.
  - Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:**
  - Observe official regulations on storing packagings with pressurised containers.
- **Further information about storage conditions:**
  - Store in cool, dry conditions in well sealed receptacles.
  - Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

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**SECTION 8: Exposure controls/personal protection****· 8.1 Control parameters****· Ingredients with limit values that require monitoring at the workplace:****115-10-6 dimethyl ether**NDS (Poland) Long-term value: 1000 mg/m<sup>3</sup>**67-64-1 Acetone**NDS (Poland) Short-term value: 1800 mg/m<sup>3</sup>  
Long-term value: 600 mg/m<sup>3</sup>**67-63-0 propan-2-ol**NDS (Poland) Short-term value: 1200 mg/m<sup>3</sup>  
Long-term value: 900 mg/m<sup>3</sup>  
skóra**107-98-2 1-methoxy-2-propanol**NDS (Poland) Short-term value: 360 mg/m<sup>3</sup>  
Long-term value: 180 mg/m<sup>3</sup>  
skóra**71-36-3 butanol**NDS (Poland) Short-term value: 150 mg/m<sup>3</sup>  
Long-term value: 50 mg/m<sup>3</sup>  
skóra**78-83-1 butanol**NDS (Poland) Short-term value: 200 mg/m<sup>3</sup>  
Long-term value: 100 mg/m<sup>3</sup>  
skóra**1330-20-7 xylene (mix)**NDS (Poland) Short-term value: 200 mg/m<sup>3</sup>  
Long-term value: 100 mg/m<sup>3</sup>  
skóra**· DNELs****67-64-1 Acetone**

Oral	DNEL Long term-systemic	62 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	62 mg/kg bw/day (Consumer) 186 mg/kg bw/day (Worker)
Inhalative	DNEL Acute-local	2420 mg/m <sup>3</sup> (Worker)
	DNEL Long term-systemic	200 mg/m <sup>3</sup> (Consumer) 1210 mg/m <sup>3</sup> (Worker)

**Reaction mass of ethylbenzene and xylene**

Oral	DNEL Long term-systemic	1,6 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	108 mg/kg bw/day (Consumer) 180 mg/kg bw/day (Worker)
Inhalative	DNEL Acute-local	289 mg/m <sup>3</sup> (Worker)
	DNEL Long term-systemic	14,8 mg/m <sup>3</sup> (Consumer) 77 mg/m <sup>3</sup> (Worker)

**67-63-0 propan-2-ol**

Oral	DNEL Long term-systemic	26 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	319 mg/kg bw/day (Consumer) 888 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	89 mg/m <sup>3</sup> (Consumer)

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		500 mg/m <sup>3</sup> (Worker)
<b>107-98-2 1-methoxy-2-propanol</b>		
Oral	DNEL Long term-systemic	3,3 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	18,1 mg/kg bw/day (Consumer)
		50,6 mg/kg bw/day (Worker)
Inhalative	DNEL Acute-local	553,5 mg/m <sup>3</sup> (Worker)
	DNEL Long term-systemic	43,9 mg/m <sup>3</sup> (Consumer)
		369 mg/m <sup>3</sup> (Worker)
<b>71-36-3 butanol</b>		
Oral	DNEL Long term-systemic	3,125 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-local	310 mg/m <sup>3</sup> (Consumer)
		55 mg/m <sup>3</sup> (Worker)

· **PNECs****67-64-1 Acetone**

PNEC Marine water	1,06 mg/l (Undefined)
PNEC Freshwater sediment	30,4 mg/l(dry weight) (Undefined)
PNEC Soil	29,5 mg/kg (Undefined)
PNEC Marine water sediment	3,04 mg/l(dry weight) (Undefined)

**Reaction mass of ethylbenzene and xylene**

PNEC Freshwater	0,327 mg/l (Undefined)
PNEC Marine water	0,327 mg/l (Undefined)
PNEC Freshwater sediment	12,46 mg/l(dry weight) (Undefined)
PNEC Soil	2,31 mg/kg (Undefined)
PNEC Sewage Treatment Plant	6,58 mg/l (Undefined)
PNEC Marine water sediment	12,46 mg/l(dry weight) (Undefined)

**107-98-2 1-methoxy-2-propanol**

PNEC Freshwater	10 mg/l (Undefined)
PNEC Freshwater sediment	41,6 mg/l(dry weight) (Undefined)
PNEC Soil	2,47 mg/kg (Undefined)

· **Ingredients with biological limit values:**· **Additional Occupational Exposure Limit Values for possible hazards during processing:****100-41-4 ethylbenzene**

NDS (Poland)	Short-term value: 400 mg/m <sup>3</sup> Long-term value: 200 mg/m <sup>3</sup> skóra
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**108-88-3 toluene**

NDS (Poland)	Short-term value: 200 mg/m <sup>3</sup> Long-term value: 100 mg/m <sup>3</sup> skóra
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· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Appropriate engineering controls** No further data; see item 7.· **Individual protection measures, such as personal protective equipment**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

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Avoid contact with the eyes and skin.

General ventilation

· **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A2/P2

· **Hand protection**



Protective gloves

Solvent resistant gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0,5$  mm

· **Penetration time of glove material**

For continuous contact we recommend gloves with breakthrough time of at least 240 minutes, with the preference given to a breakthrough time greater than 480 minutes. For short-term or splash guard we recommend the same. We are aware that suitable gloves that offer this level of protection may not be available. In that case, a shorter breakthrough time are acceptable as long as the procedures governing maintenance and timely replacement are followed. The thickness of the gloves is not a good measure of the resistance of the gloves against a chemical substance, because this depends on the exact composition of the material from which the gloves are made.

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**

Safety glasses



Tightly sealed goggles

· **Body protection:**

Use protective suit. (EN-13034/6)

Full skin covering antistatic, chemical and oil resistant clothing and safety shoes are recommended. (EN1149; EN340&EN ISO 13688; EN13034-6).

· **Environmental exposure controls** Use a suitable container to prevent environmental contamination.

### SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Aerosol

· **Colour:**

Light brown

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

-24,8 °C (115-10-6 dimethyl ether)

· **Flammability**

Not applicable.

· **Lower and upper explosion limit**

· **Lower:**

1,1 Vol %

· **Upper:**

20 Vol %

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· Flash point:	-42 °C
· Ignition Temperature	235 °C
· pH at 20 °C	2,5
· Viscosity:	
· Kinematic viscosity	≤ 20,5 mm <sup>2</sup> /s, 40 °C (L)
· Dynamic:	Not determined
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	3300 hPa
· Density and/or relative density	
· Density at 20 °C:	0,794 g/cm <sup>3</sup>
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information	
· Appearance:	
· Form:	Aerosol
· Important information on protection of health and environment, and on safety.	
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Solvent content:	
· Organic solvents:	85,5 %
· Water:	4,4 %
· Solids content:	10,5 %
· Change in condition	
· Evaporation rate	Not applicable.

· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container: May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

## SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.

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- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:****67-64-1 Acetone**

Oral	LD50	5800 mg/kg (Rat) (Acute Oral Toxicity)
Dermal	LD50	7800 mg/kg (Rabbit)
Inhalative	LC50 (4h)	>20 mg/l (Rat)

**Reaction mass of ethylbenzene and xylene**

Oral	LD50	3523 mg/kg (Rat)
Dermal	LD50	12126 mg/kg (Rabbit)
Inhalative	LC50 (4h)	27,124 mg/l (Rat)

**67-63-0 propan-2-ol**

Oral	LD50	5840 mg/kg (Rat)
Dermal	LD50	13900 mg/kg (Rabbit)
Inhalative	LC50 (4h)	>25 mg/l (Rat)

**107-98-2 1-methoxy-2-propanol**

Oral	LD50	4016 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rat)
Inhalative	LC50 (4h)	28,8 mg/l (Rat)
	LC50 (6h)	27596 mg/m <sup>3</sup> (Rat)

**71-36-3 butanol**

Oral	LD50	2292 mg/kg (Rat)
Dermal	LD50	3430 mg/kg (Rabbit)
Inhalative	LC50 (4h)	21 mg/l (Rat)

- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** 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.
- **STOT-single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.
- **STOT-repeated exposure** May cause damage to organs through prolonged or repeated exposure.
- **Aspiration hazard** May be fatal if swallowed and enters airways.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**· **12.1 Toxicity**· **Aquatic toxicity:****67-64-1 Acetone**

EC50	8800 mg/l (Daphnia magna)
	8300 mg/l (Fish)

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**Reaction mass of ethylbenzene and xylene**

NOEC	1,3 mg/l (Fish)
NOEC (7 days)	0,96 mg/l (Daphnia magna)
NOEC (72h)	0,44 mg/l (Algae)
NOEC (28 days)	16 mg/l (Bacteria)
LC50 (96h)	8,9-16,4 mg/l (Pimephales promelas)
EC50 (48h)	3,2-9,5 mg/l (Daphnia magna)

**67-63-0 propan-2-ol**

LOEC (8 days)	1000 mg/l (Algae)
LC50 (96h)	9640 mg/l (Pimephales promelas)
LC50 (24h)	9714 mg/l (Daphnia magna)

**107-98-2 1-methoxy-2-propanol**

LC50 (96h)	6812 mg/l (Fish)
EC50 (48h)	23300 mg/l (Daphnia magna)

**71-36-3 butanol**

NOEC (21 days)	4,1 mg/l (Daphnia magna)
LC50 (96h)	1376 mg/l (Pimephales promelas)
EC50 (48h)	1328 mg/l (Daphnia magna)
EC50	225 mg/l (Selenastrum capricornatum)

- **12.2 Persistence and degradability** Not easily biodegradable
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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**SECTION 14: Transport information**

· 14.1 UN number or ID number · ADR, ADN, IMDG, IATA	UN1950
· 14.2 UN proper shipping name · ADR, ADN · IMDG · IATA	UN1950 AEROSOLS AEROSOLS AEROSOLS, flammable
· 14.3 Transport hazard class(es) · ADR	
	
· Class · Label	2 5F Gases. 2.1
· ADN · ADN/R Class:	2 5F
· IMDG, IATA	
	
· Class · Label	2.1 Gases. 2.1
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Code  · Segregation Code	Warning: Gases. - F-D,S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR · Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity

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## Safety data sheet

according to 1907/2006/EC, Article 31. (2020/878)

Printing date: 22.06.2022

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· Tunnel restriction code	D
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

**SECTION 15: Regulatory information**· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category P3a FLAMMABLE AEROSOLS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

67-64-1 Acetone

· **Regulation (EC) No 273/2004 on drug precursors**

67-64-1 Acetone

3

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

67-64-1 Acetone

3

· **National regulations:**· **Breakdown regulations:**

Class	Share in %
Wasser	2,5-<10
NK	75-<100

- VOC-CH 85,00 %
- VOC-EU 676,0 g/l
- Danish MAL Code 4-5

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.

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- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- 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.
- H373 May cause damage to organs through prolonged or repeated exposure.
- EUH066 Repeated exposure may cause skin dryness or cracking.

- **Classification according to Regulation (EC) No 1272/2008**

Physical and chemical properties: The classification is based on the results of the mixtures tested. Health hazards, Environmental hazards: The method of classification of mixtures based on the constituents of the mixture (sum formula).

- **Contact:** Jenolite Ltd

- **Version number of previous version:** 34

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)  
 DNEL: Derived No-Effect Level (REACH)  
 PNEC: Predicted No-Effect Concentration (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Gas 1A: Flammable gases – Category 1A  
 Aerosol 1: Aerosols – Category 1  
 Press. Gas (Liq.): Gases under pressure – Liquefied gas  
 Flam. Liq. 2: Flammable liquids – Category 2  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Skin Sens. 1: Skin sensitisation – Category 1  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
 Asp. Tox. 1: Aspiration hazard – Category 1

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