

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 18.01.2024

Version number 5 (replaces version 4)

Revision: 20.04.2023

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

· 1.1 Product identifier

· Trade name: **PLASTI-KOTE Chalk various colours 400ml**

· Article number: 027101 - 027109

· 1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

· Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· Product category PC9a Coatings and paints, thinners, paint removers

· Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

· Application of the substance / the mixture Lacquer

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

European Aerosols GmbH*

Kurt Vogelsang Strasse 6

D-74855 Haßmersheim

Tel.: +49 (0) 6266 750

e-mail: sds-de@european-aerosols.com

*Formerly known as Motip Dupli GmbH

· Further information obtainable from: Department Product Safety

· 1.4 Emergency telephone number:

Tel.: +49 6266-75-310

Fax +49 6266-75-362

(Mo - Th 08:00 am - 04:00 pm, Fr 08:00 am - 00:30 pm)

UK:

Public emergency phone no: 111

Only for healthcare professionals: 0344 892 0111

Ireland:

Poison center if childs have been poisoned: 01 809 2166 (8:00 am - 10:00 pm, 7 days)

Only for healthcare professionals: 01 809 2566 (24 h / 7 days)

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008



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

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

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

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· Hazard pictograms

GHS02

· Signal word Danger**· Hazard statements**

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

· 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 spray.

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

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

· Additional information:

EUH208 Contains reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Buildup of explosive mixtures possible without sufficient ventilation.

Contains biocidal products: reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)

· 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:** Mixture of substances listed below with nonhazardous additions.**· Dangerous components:**

| | | |
|---|--|-----------|
| CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37 | dimethyl ether ----- ⚠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280 | 25-<50% |
| CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43 | ethanol ----- ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 % | 10-<12.5% |
| CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17 | titanium dioxide ----- ⚠ Carc. 2, H351 | 2.5-<5% |
| CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25 | propan-2-ol ----- ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 | 2.5-<5% |
| CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 Reg.nr.: 01-2119475108-36 | 2-butoxyethanol ----- ⚠ Acute Tox. 3, H331 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 | ≤0.5% |

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| | | |
|--|---|-------|
| CAS: 1336-21-6 EINECS: 215-647-6 Index number: 007-001-01-2 Reg.nr.: 01-2119982985-14 | ammonia Skin Corr. 1B, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400 Specific concentration limit: STOT SE 3; H335: C ≥ 5 % | ≤0.5% |
| CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 Reg.nr.: 01-2119457290-43 | butanone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 EUH066 | ≤0.5% |
| EC number: 911-418-6 Index number: 613-167-00-5 Reg.nr.: 01-2120764691-48 | reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330 Skin Corr. 1C, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100) Skin Sens. 1A, H317 EUH071 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 % | ≤0.5% |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor 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.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters -**
- **Protective equipment:** Mouth respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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- **6.3 Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **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.
No special measures required.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 2 B
- **7.3 Specific end use(s)** No further relevant information available.

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

WEL Short-term value: 958 mg/m³, 500 ppm
Long-term value: 766 mg/m³, 400 ppm

64-17-5 ethanol

WEL Long-term value: 1920 mg/m³, 1000 ppm

13463-67-7 titanium dioxide

WEL Long-term value: 10* 4** mg/m³
*total inhalable **respirable

67-63-0 propan-2-ol

WEL Short-term value: 1250 mg/m³, 500 ppm
Long-term value: 999 mg/m³, 400 ppm

111-76-2 2-butoxyethanol

WEL Short-term value: 246 mg/m³, 50 ppm
Long-term value: 123 mg/m³, 25 ppm
Sk, BMGV

78-93-3 butanone

WEL Short-term value: 899 mg/m³, 300 ppm
Long-term value: 600 mg/m³, 200 ppm
Sk, BMGV

- **DNELs**

64-17-5 ethanol

| | | |
|--------|------|---|
| Oral | DNEL | 87 mg/kg /per day (Consumer, longterm systemic) |
| Dermal | DNEL | 343 mg/kg /per day (Worker, longterm systemic) |

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| | | |
|---------------------------------|-------------|--|
| <i>Inhalative</i> | <i>DNEL</i> | 206 mg/kg /per day (Consumer, longterm systemic) |
| | <i>DNEL</i> | 950 mg/m ³ (Worker, longterm systemic) |
| | <i>DNEL</i> | 1900 mg/m ³ (Worker, acute local) |
| | <i>DNEL</i> | 114 mg/m ³ (Consumer, longterm systemic) |
| | <i>DNEL</i> | 950 mg/m ³ (Consumer, acute local) |
| 67-63-0 propan-2-ol | | |
| <i>Oral</i> | <i>DNEL</i> | 26 mg/kg /per day (Consumer, longterm systemic) |
| <i>Dermal</i> | <i>DNEL</i> | 888 mg/kg /per day (Worker, longterm systemic) |
| | <i>DNEL</i> | 319 mg/kg /per day (Consumer, longterm systemic) |
| <i>Inhalative</i> | <i>DNEL</i> | 500 mg/m ³ (Worker, longterm systemic) |
| | <i>DNEL</i> | 89 mg/m ³ (Consumer, longterm systemic) |
| 111-76-2 2-butoxyethanol | | |
| <i>Oral</i> | <i>DNEL</i> | 3.2 mg/kg (Consumer, longterm systemic) |
| | <i>DNEL</i> | 13.4 mg/kg (Consumer, acute systemic) |
| <i>Dermal</i> | <i>DNEL</i> | 75 mg/kg /per day (Worker, longterm systemic) |
| | <i>DNEL</i> | 89 mg/kg /per day (Worker, acute systemic) |
| | <i>DNEL</i> | 38 mg/kg (Consumer, longterm systemic) |
| <i>Inhalative</i> | <i>DNEL</i> | 44.5 mg/kg /per day (Consumer, acute systemic) |
| | <i>DNEL</i> | 98 mg/m ³ /20 ppm (Worker, longterm systemic) |
| | <i>DNEL</i> | 663 mg/m ³ /135 ppm (Worker, acute systemic) |
| | <i>DNEL</i> | 246 mg/m ³ /50 ppm (Worker, acute local) |
| | <i>DNEL</i> | 49 mg/m ³ (Consumer, longterm systemic) |
| | <i>DNEL</i> | 426 mg/m ³ (Consumer; acute systemic) |
| | <i>DNEL</i> | 123 mg/m ³ (Consumer, acute local) |
| 78-93-3 butanone | | |
| <i>Oral</i> | <i>DNEL</i> | 31 mg/kg /per day (Consumer, longterm systemic) |
| <i>Dermal</i> | <i>DNEL</i> | 1161 mg/kg /per day (Worker, longterm systemic) |
| | <i>DNEL</i> | 412 mg/kg /per day (Consumer, longterm systemic) |
| <i>Inhalative</i> | <i>DNEL</i> | 600 mg/m ³ (Worker, longterm systemic) |
| | <i>DNEL</i> | 106 mg/m ³ (Consumer, longterm systemic) |

· PNECs**64-17-5 ethanol**

| | |
|-------------|-----------------------------------|
| <i>PNEC</i> | 0.96 mg/l (Freshwater) |
| <i>PNEC</i> | 0.79 mg/l (Seawater) |
| <i>PNEC</i> | 2.75 mg/l (Sporadic release) |
| <i>PNEC</i> | 580 mg/l (Sewage treatment plant) |
| <i>PNEC</i> | 3.6 mg/kg (Freshwater sediment) |
| <i>PNEC</i> | 2.9 mg/kg (Seawater sediment) |
| <i>PNEC</i> | 0.63 mg/kg (Soil) |

67-63-0 propan-2-ol

| | |
|-------------|------------------------------------|
| <i>PNEC</i> | 140.9 mg/l (Freshwater) |
| <i>PNEC</i> | 140.9 mg/l (Seawater) |
| <i>PNEC</i> | 140.9 mg/l (Sporadic release) |
| <i>PNEC</i> | 2251 mg/l (Sewage treatment plant) |
| <i>PNEC</i> | 552 mg/kg (Freshwater sediment) |
| <i>PNEC</i> | 552 mg/kg (Seawater sediment) |

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111-76-2 2-butoxyethanol

| | |
|------|-----------------------------------|
| PNEC | 8.8 mg/l (Freshwater) |
| PNEC | 0.88 mg/l (Seawater) |
| PNEC | 9.1 mg/l (Sporadic release) |
| PNEC | 463 mg/l (Sewage treatment plant) |
| PNEC | 34.6 mg/kg (Freshwater sediment) |
| PNEC | 3.45 mg/kg (Seawater sediment) |
| PNEC | 2.8 mg/kg (Soil) |

78-93-3 butanone

| | |
|------|-----------------------------------|
| PNEC | 55.8 mg/l (Freshwater) |
| PNEC | 55.8 mg/l (Seawater) |
| PNEC | 55.8 mg/l (Sporadic release) |
| PNEC | 709 mg/l (Sewage treatment plant) |
| PNEC | 284.7 mg/kg (Freshwater sediment) |
| PNEC | 284.7 mg/kg (Seawater sediment) |

· Ingredients with biological limit values:**111-76-2 2-butoxyethanol**

| | |
|------|------------------------------|
| BMGV | 240 mmol/mol creatinine |
| | Medium: urine |
| | Sampling time: post shift |
| | Parameter: butoxyacetic acid |

78-93-3 butanone

| | |
|------|---------------------------|
| BMGV | 70 µmol/L |
| | Medium: urine |
| | Sampling time: post shift |
| | Parameter: butan-2-one |

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

· **Respiratory protection:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

· **Hand protection** Not required.

· **Material of gloves** Not required.

· **Penetration time of glove material** Not required.

· **Eye/face protection** Not required.

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Physical state**

Aerosol

· **Colour:**

According to product specification

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| | |
|---|---|
| · Odour: | Characteristic |
| · Odour threshold: | Not determined. |
| · Melting point/freezing point: | Undetermined. |
| · Boiling point or initial boiling point and boiling range | Not applicable, as aerosol. |
| · Flammability | Not applicable. |
| · Lower and upper explosion limit | |
| · Lower: | 3.3 Vol % (115-10-6 dimethyl ether) |
| · Upper: | 26.2 Vol % (115-10-6 dimethyl ether) |
| · Flash point: | Not applicable, as aerosol. |
| · Auto-ignition temperature: | 240 °C (464 °F) (115-10-6 dimethyl ether) |
| · Decomposition temperature: | Not determined. |
| · pH at 20 °C (68 °F) | 9.3 |
| · Viscosity: | |
| · Kinematic viscosity | Not determined. |
| · 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 (68 °F): | 4000 hPa (3000.2 mm Hg) (115-10-6 dimethyl ether) |
| · Density and/or relative density | |
| · Density: | Not determined. |
| · 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. | |
| · Explosive properties: | Not determined. |
| · Solvent content: | |
| · Organic solvents: | 53.0 % |
| · Water: | 26.6 % |
| · VOC (EC) | --- |
| | 722.9 g/l |
| · VOC-EU% | 53.04 % |
| · Solids content: | 18.6 % |
| · 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 |

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- | | |
|----------------------------------|------|
| · 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.
- **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:**

64-17-5 ethanol

| | | |
|------------|-----------|-------------------|
| Oral | LD50 | 10470 mg/kg (rat) |
| Dermal | LD50 | >2000 mg/kg (rat) |
| Inhalative | LC50 / 4h | 120 mg/l (rat) |

67-63-0 propan-2-ol

| | | |
|------------|------|-----------------------------|
| Oral | LD50 | 5840 mg/kg (rat) |
| Dermal | LD50 | 13900 mg/kg (rabbit) |
| Inhalative | LC50 | >25 mg/l (rat) LC 50: 6h |

111-76-2 2-butoxyethanol

| | | |
|------------|-------------|---|
| Oral | LD50 | 1200 mg/kg (guinea pig) |
| Inhalative | LC50 / 4 h | 3 mg/m ³ (rat) |
| | LC50 / 96 h | >100 mg/l (<i>oncorhynchus mykiss</i>) (<i>Oncorhynchus mykiss</i>) |

78-93-3 butanone

| | | |
|------------|------------|----------------------------|
| Oral | LD50 | >2193 mg/kg (rat) |
| Dermal | LD50 | >5000 mg/kg (rabbit) |
| Inhalative | LC50 / 4 h | 34 mg/m ³ (rat) |

· **Skin corrosion/irritation**

Based on available data, the classification criteria are not met.
No irritant effect.

· **Serious eye damage/irritation**

Based on available data, the classification criteria are not met.
No irritating effect.

· **Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.
No sensitising effects known.

· **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** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure** Based on available data, the classification criteria are not met.

· **Aspiration hazard** Based on available data, the classification criteria are not met.

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· **11.2 Information on other hazards**· **Endocrine disrupting properties**

78-93-3 | butanone

List II

* **SECTION 12: Ecological information**· **12.1 Toxicity**· **Aquatic toxicity:****115-10-6 dimethyl ether**

EC50 / 96 h | 155 mg/l (algae)

LC50 / 48 h | >4000 mg/l (daphnia magna)

LC50 / 96 h | >4000 mg/l (fish)

64-17-5 ethanol

LC50/96h | 13000 mg/l (oncorhynchus mykiss)

EC50 / 48 h | 12900 mg/l (algae)

LC50 / 48 h | 12340 mg/l (daphnia magna)

67-63-0 propan-2-ol

LC50/96h | 9640 mg/l (pimephales promelas; 96h)

LC50 / 24 h | 9714 mg/l (daphnia magna)

111-76-2 2-butoxyethanol

LC50 / 48 h | 1550 mg/l (daphnia magna)

LC50 / 72 h | 1840 mg/l (Pseudokirchneriella subcapitata)

LC50 / 96 h | 1474 mg/l (Regenbogenforelle)

78-93-3 butanone

LC50 / 48 h | 308 mg/l (daphnia magna)

LC50 / 72 h | 1972 mg/l (Pseudokirchneriella Subcapitata)

LC50 / 96 h | 2990 mg/l (fish)

· **12.2 Persistence and degradability** No further relevant information available.· **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** For information on endocrine disrupting properties see section 11.· **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.

· **Uncleaned packaging:**· **Recommendation:**

Disposal must be made according to official regulations.

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Disposal must be made according to official regulations.

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SECTION 14: Transport information

· 14.1 UN number or ID number
· ADR, IMDG, IATA

UN1950

· 14.2 UN proper shipping name
· ADR
· IMDG
· IATA

1950 AEROSOLS
AEROSOLS
AEROSOLS, flammable

· 14.3 Transport hazard class(es)
· ADR



· Class
· Label

2.1 Gases.
2.1

· IMDG, IATA



· Class
· Label

2.1 Gases.
2.1

· 14.4 Packing group
· ADR, IMDG, IATA

not regulated

· 14.5 Environmental hazards:

Not applicable.

· 14.6 Special precautions for user
· Hazard identification number (Kemler code):
· EMS Number:
· Segregation groups
· Stowage Code

Warning: Gases.
-
F-D,S-U
(SGG18) Alkalis
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.

· Segregation Code

· 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

· Transport/Additional information:

· ADR
· Limited quantities (LQ)

1L

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| | |
|-----------------------------------|--|
| · Excepted quantities (EQ) | Code: E0 Not permitted as Excepted Quantity |
| · Transport category | 2 |
| · 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
- **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.
- H280 Contains gas under pressure; may explode if heated.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H310 Fatal in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H331 Toxic if inhaled.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- EUH071 Corrosive to the respiratory tract.

· **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)
- VOC: Volatile Organic Compounds (USA, EU)
- DNEL: Derived No-Effect Level (UK REACH)
- PNEC: Predicted No-Effect Concentration (UK REACH)
- LC50: Lethal concentration, 50 percent

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*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 (Comp.): Gases under pressure – Compressed gas**Flam. Liq. 2: Flammable liquids – Category 2**Acute Tox. 4: Acute toxicity – Category 4**Acute Tox. 2: Acute toxicity – Category 2**Acute Tox. 3: Acute toxicity – Category 3**Skin Corr. 1B: Skin corrosion/irritation – Category 1B**Skin Corr. 1C: Skin corrosion/irritation – Category 1C**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. 1A: Skin sensitisation – Category 1A**Carc. 2: Carcinogenicity – Category 2**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1**Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1**· * Data compared to the previous version altered.*

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