

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Chloride No.1

Revision date 04-29-2022

Revision Number 1

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

1.1. Product identifier

Product Code(s) PL65Chloride1
Product Name Chloride No.1
Unique Formula Identifier (UFI) JCFP-9M0H-742P-PR6A
Pure substance/mixture Mixture
Contains Methyl alcohol, Thiocyanic acid, mercury(2+) salt

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

Recommended use Reagent for water analysis
Uses advised against Others

1.3. Details of the supplier of the safety data sheet

Manufacturer

Water-I.D. GmbH
Daimlerstr. 20
76344 Eggenstein, Germany
Tel.: +49 (0) 721 78 20 29 0, Fax: +49 (0) 721 78 20 29 11
Website: www.water-id.com
EHS / Compliance: lab@water-id.com

1.4. Emergency telephone number

Emergency Telephone Poison Control Centre Munich
Tel.: +49 (0) 89 19 24 0
Germany
24 hours service
Languages: German, English

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

| | |
|---|---------------------|
| Acute toxicity - Oral | Category 3 - (H301) |
| Acute toxicity - Dermal | Category 2 - (H310) |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 2 - (H330) |
| Specific target organ toxicity — single exposure | Category 1 - (H370) |
| Specific target organ toxicity — repeated exposure | Category 2 - (H373) |
| Chronic aquatic toxicity | Category 3 - (H412) |

2.2. Label elements

Contains Methyl alcohol, Thiocyanic acid, mercury(2+) salt

**Signal word**

Danger

Hazard statements

H301 - Toxic if swallowed

H310 - Fatal in contact with skin

H330 - Fatal if inhaled

H370 - Causes damage to organs

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

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P260 - Do not breathe dust/fume/gas/mist/vapours/spray

P262 - Do not get in eyes, on skin, or on clothing

P280 - Wear protective gloves and protective clothing

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P310 - Immediately call a POISON CENTER or doctor

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

Additional information

This product requires tactile warnings if supplied to the general public. This product requires child resistant fastenings if supplied to the general public.

2.3. Other hazards

Harmful to aquatic life.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixtures

| Chemical name | Weight-% | REACH registration number | EC No | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|--|----------|---------------------------|-----------|---|---|----------|----------------------|
| Methyl alcohol 67-56-1 | 90-100 | No data available | 200-659-6 | Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT SE 1 (H370) Flam. Liq. 2 (H225) | STOT SE 1 :: C>=10% STOT SE 2 :: 3%<=C<10% | | |
| Thiocyanic acid, mercury(2+) salt 592-85-8 | <1 | No data available | 209-773-0 | Acute Tox. 2 (H300) Acute Tox. 1 (H310) Acute Tox. 2 (H330) STOT RE 2 (H373) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | STOT RE 2 :: C>=0.1% | | |

Full text of H- and EUH-phrases: see section 16Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|--|--------------------|----------------------|--|---|---|
| Methyl alcohol 67-56-1 | 6200 | 15840 | | 41.6976 | |
| Thiocyanic acid, mercury(2+) salt 592-85-8 | 46 | 685 | | | |

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures**4.1. Description of first aid measures**

| | |
|---|--|
| General advice | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. |
| Inhalation | If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. IF exposed or concerned: Get medical advice/attention. |
| Eye contact | Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. |
| Skin contact | Get immediate medical advice/attention. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. |
| Ingestion | Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention. |
| Self-protection of the first aider | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe vapour or mist. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective equipment as required. See section 8 for more information. |

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

Symptoms Coughing and/ or wheezing. Difficulty in breathing.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

Large Fire

CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media

Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture**Specific hazards arising from the chemical**

No information available.

5.3. Advice for firefighters**Special protective equipment and precautions for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Do not breathe vapour or mist. Keep people away from and upwind of spill/leak.

Other information

Refer to protective measures listed in Sections 7 and 8.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections**Reference to other sections**

See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash it before reuse. Do not breathe vapour or mist. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product.

General hygiene considerations

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do not breathe vapour or mist. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure Limits**

| Chemical name | European Union | Austria | Belgium | Bulgaria | Croatia |
|--|---|---|---|---|--|
| Methyl alcohol 67-56-1 | TWA: 200 ppm TWA: 260 mg/m ³ * | TWA: 200 ppm TWA: 260 mg/m ³ STEL 800 ppm STEL 1040 mg/m ³ H* | TWA: 200 ppm TWA: 266 mg/m ³ STEL: 250 ppm STEL: 333 mg/m ³ * | TWA: 200 ppm TWA: 260.0 mg/m ³ K* | TWA: 200 ppm TWA: 260 mg/m ³ * |
| Thiocyanic acid, mercury(2+) salt 592-85-8 | - | TWA: 0.02 mg/m ³ TWA: 0.01 mg/m ³ STEL 0.08 mg/m ³ STEL 0.1 mg/m ³ H* | - | - | - |
| Chemical name | Cyprus | Czech Republic | Denmark | Estonia | Finland |
| Methyl alcohol 67-56-1 | * TWA: 200 ppm TWA: 260 mg/m ³ | TWA: 250 mg/m ³ Ceiling: 1000 mg/m ³ * | TWA: 200 ppm TWA: 260 mg/m ³ H* | TWA: 200 ppm TWA: 250 mg/m ³ STEL: 250 ppm STEL: 350 mg/m ³ A* | TWA: 200 ppm TWA: 270 mg/m ³ STEL: 250 ppm STEL: 330 mg/m ³ iho* |
| Thiocyanic acid, mercury(2+) salt 592-85-8 | - | - | TWA: 0.02 mg/m ³ TWA: 0.05 mg/m ³ H* | - | TWA: 0.02 mg/m ³ TWA: 1 mg/m ³ STEL: 5 mg/m ³ iho* |
| Chemical name | France | Germany | Germany MAK | Greece | Hungary |
| Methyl alcohol 67-56-1 | TWA: 200 ppm TWA: 260 mg/m ³ STEL: 1000 ppm STEL: 1300 mg/m ³ | TWA: 100 ppm TWA: 130 mg/m ³ | TWA: 100 ppm TWA: 130 mg/m ³ Peak: 200 ppm Peak: 260 mg/m ³ * | TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm STEL: 325 mg/m ³ skin - potential for cutaneous absorption | TWA: 260 mg/m ³ * |
| Thiocyanic acid, mercury(2+) salt 592-85-8 | TWA: 0.1 mg/m ³ TWA: 5 mg/m ³ | TWA: 0.02 mg/m ³ | TWA: 0.02 mg/m ³ TWA: 2 mg/m ³ Peak: 0.16 mg/m ³ Peak: 2 mg/m ³ * | - | - |
| Chemical name | Ireland | Italy | Italy REL | Latvia | Lithuania |
| Methyl alcohol 67-56-1 | TWA: 200 ppm TWA: 260 mg/m ³ STEL: 600 ppm STEL: 780 mg/m ³ Sk* | TWA: 200 ppm TWA: 260 mg/m ³ pelle* | TWA: 200 ppm TWA: 262 mg/m ³ STEL: 250 ppm STEL: 328 mg/m ³ * | TWA: 200 ppm TWA: 260 mg/m ³ * | * TWA: 200 ppm TWA: 260 mg/m ³ |
| Thiocyanic acid, mercury(2+) salt 592-85-8 | TWA: 5 mg/m ³ TWA: 0.02 mg/m ³ STEL: 15 mg/m ³ STEL: 0.06 mg/m ³ | TWA: 0.02 mg/m ³ pelle* | - | - | - |
| Chemical name | Luxembourg | Malta | Netherlands | Norway | Poland |

| | | | | | |
|--|---|---|--|---|---|
| Methyl alcohol 67-56-1 | * | * | TWA: 133 mg/m ³ H* | STEL: 150 ppm STEL: 162.5 mg/m ³ | STEL: 300 mg/m ³ TWA: 100 mg/m ³ |
| Thiocyanic acid, mercury(2+) salt 592-85-8 | - | - | TWA: 1 mg/m ³ TWA: 0.02 mg/m ³ STEL: 5 mg/m ³ H* | STEL: 0.06 mg/m ³ STEL: 10 mg/m ³ | TWA: 0.02 mg/m ³ |
| Chemical name | Portugal | Romania | Slovakia | Slovenia | Spain |
| Methyl alcohol 67-56-1 | TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm | TWA: 200 ppm TWA: 260 mg/m ³ * | TWA: 200 ppm TWA: 260 mg/m ³ * | TWA: 200 ppm TWA: 260 mg/m ³ STEL: STEL ppm STEL: STEL mg/m ³ * | TWA: 200 ppm TWA: 266 mg/m ³ vía dérmica* |
| Thiocyanic acid, mercury(2+) salt 592-85-8 | TWA: 0.02 mg/m ³ | - | - | - | TWA: 0.02 mg/m ³ |
| Chemical name | Sweden | | Switzerland | | United Kingdom |
| Methyl alcohol 67-56-1 | NGV: 200 ppm NGV: 250 mg/m ³ Vägledande KGV: 250 ppm Vägledande KGV: 350 mg/m ³ * | | TWA: 200 ppm TWA: 260 mg/m ³ STEL: 400 ppm STEL: 520 mg/m ³ H* | | TWA: 200 ppm TWA: 266 mg/m ³ STEL: 250 ppm STEL: 333 mg/m ³ Sk* |
| Thiocyanic acid, mercury(2+) salt 592-85-8 | - | | TWA: 0.02 mg/m ³ TWA: 0.01 mg/m ³ STEL: 0.16 mg/m ³ H* | | TWA: 0.02 mg/m ³ TWA: 5 mg/m ³ Sk* |

Biological occupational exposure limits

| | | | | | |
|---------------------------|---|-------------------|---|--|--|
| Chemical name | European Union | Austria | Bulgaria | Croatia | Czech Republic |
| Methyl alcohol 67-56-1 | - | - | - | 7.0 mg/g Creatinine - urine (Methanol) - at the end of the work shift | 0.47 mmol/L (urine - Methanol end of shift) 15 mg/L (urine - Methanol end of shift) |
| Chemical name | Denmark | Finland | France | Germany | Germany |
| Methyl alcohol 67-56-1 | - | - | 15 mg/L - urine (Methanol) - end of shift | 15 mg/L (urine - Methanol end of shift) 15 mg/L (urine - Methanol for long-term exposures: at the end of the shift after several shifts) 15 mg/L - BAT (for long-term exposures: at the end of the shift after several shifts) urine 15 mg/L - BAT (end of exposure or end of shift) urine | 15 mg/L (urine - Methanol end of shift) 15 mg/L (urine - Methanol for long-term exposures: at the end of the shift after several shifts) |
| Chemical name | Hungary | | Ireland | Italy | Italy REL |
| Methyl alcohol 67-56-1 | 30 mg/L (urine - Methanol end of shift) 940 µmol/L (urine - Methanol end of shift) | | 15 mg/L (urine - Methanol end of shift) | - | 15 mg/L - urine (Methanol) - end of shift |
| Chemical name | Latvia | Luxembourg | | Romania | Slovakia |
| Methyl alcohol | - | - | | 6 mg/L - urine (Methanol) | 30 mg/L (urine - |

| | | | | |
|---------------------------|--|---|---|---|
| 67-56-1 | | | - end of shift | Methanol end of exposure or work shift) 30 mg/L (urine - Methanol after all work shifts) |
| Chemical name | Slovenia | Spain | Switzerland | United Kingdom |
| Methyl alcohol 67-56-1 | 30 mg/L - urine (Methanol) - at the end of the work shift; for long-term exposure: at the end of the work shift after several consecutive workdays | 15 mg/L (urine - Methanol end of shift) | 30 mg/L (urine - Methanol end of shift, and after several shifts (for long-term exposures)) | - |

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Impervious clothing. Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do not breathe vapour or mist. Contaminated work clothing should not be allowed out of the workplace.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Appearance Liquid
Colour colourless
Odour Organic.
Odour threshold No information available

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|-------------------|-------------------------|
| Melting point / freezing point | No data available | None known |
| Boiling point / boiling range | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limit in Air | | None known |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive limits | No data available | |
| Flash point | No data available | None known |

| | | |
|----------------------------|--------------------------|--------------------------|
| Autoignition temperature | No data available | None known |
| Decomposition temperature | | None known |
| pH | No data available | None known |
| pH (as aqueous solution) | No data available | No information available |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |
| Water solubility | No data available | None known |
| Solubility(ies) | No data available | None known |
| Partition coefficient | No data available | None known |
| Vapour pressure | No data available | None known |
| Relative density | No data available | None known |
| Bulk density | No data available | |
| Liquid Density | No data available | |
| Relative vapour density | No data available | None known |
| Particle characteristics | | |
| Particle Size | No information available | |
| Particle Size Distribution | No information available | |

9.2. Other information

9.2.1. Information with regards to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Excessive heat.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

| | |
|---------------------|--|
| Inhalation | Specific test data for the substance or mixture is not available. Fatal if inhaled. (based on components). |
| Eye contact | Specific test data for the substance or mixture is not available. |
| Skin contact | Specific test data for the substance or mixture is not available. Fatal in contact with skin. (based on components). |
| Ingestion | Specific test data for the substance or mixture is not available. Toxic if swallowed. (based on components). |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Coughing and/ or wheezing. Difficulty in breathing.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

| | |
|--------------------------------------|--------------|
| ATEmix (oral) | 99.00 mg/kg |
| ATEmix (dermal) | 197.50 mg/kg |
| ATEmix (inhalation-dust/mist) | 0.4642 mg/l |
| ATEmix (inhalation-vapour) | 42.10 mg/l |

Unknown acute toxicity

- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------------------|----------------------|--------------------------|-------------------------|
| Methyl alcohol | = 6200 mg/kg (Rat) | = 15840 mg/kg (Rabbit) | = 22500 ppm (Rat) 8 h |
| Thiocyanic acid, mercury(2+) salt | = 46 mg/kg (Rat) | = 685 mg/kg (Rat) | |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure Based on the classification criteria of the Globally Harmonized System as adopted in the

country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). Causes damage to organs if swallowed. Causes damage to organs in contact with skin.

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Harmful to aquatic life with long lasting effects.

Unknown aquatic toxicity Contains 0.88 % of components with unknown hazards to the aquatic environment.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|----------------|----------------------|--|----------------------------|-----------|
| Methyl alcohol | - | LC50: 13500 - 17600mg/L (96h, Lepomis macrochirus) LC50: 18 - 20mL/L (96h, Oncorhynchus mykiss) LC50: 19500 - 20700mg/L (96h, Oncorhynchus mykiss) LC50: =28200mg/L (96h, Pimephales promelas) LC50: >100mg/L (96h, Pimephales promelas) | - | - |

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

| Chemical name | Partition coefficient |
|----------------|-----------------------|
| Methyl alcohol | -0.77 |

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

| Chemical name | PBT and vPvB assessment |
|----------------|--|
| Methyl alcohol | The substance is not PBT / vPvB PBT assessment does not apply Further information relevant for the PBT assessment is necessary |

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information**IATA**

14.1 UN number or ID number UN1230
 14.2 UN proper shipping name Methanol
 14.3 Transport hazard class(es) 3
 Subsidiary hazard class 6.1
 14.4 Packing group II
 Description UN1230, Methanol, 3 (6.1), II
 14.5 Environmental hazards Not applicable
 14.6 Special precautions for user
 Special Provisions A113
 ERG Code 3L

IMDG

14.1 UN number or ID number UN1230
 14.2 UN proper shipping name Methanol
 14.3 Transport hazard class(es) 3
 Subsidiary hazard class 6.1
 14.4 Packing group II
 Description UN1230, Methanol, 3 (6.1), II
 14.5 Marine pollutant NP
 14.6 Special precautions for user
 Special Provisions 279
 EmS-No F-E, S-D No information available
 14.7 Maritime transport in bulk according to IMO instruments No information available

RID

14.1 UN number or ID number UN1230
 14.2 UN proper shipping name Methanol
 14.3 Transport hazard class(es) 3
 Subsidiary hazard class 6.1
 14.4 Packing group II
 Description UN1230, Methanol, 3 (6.1), II
 14.5 Environmental hazards Not applicable
 14.6 Special precautions for user
 Special Provisions 279

Classification code FT1

ADR

14.1 UN number or ID number UN1230
 14.2 UN proper shipping name Methanol
 14.3 Transport hazard class(es) 3
 Subsidiary hazard class 6.1
 14.4 Packing group II
 Description UN1230, Methanol, 3 (6.1), II, (D/E)
 14.5 Environmental hazards Not applicable
 14.6 Special precautions for user
 Special Provisions 279
 Classification code FT1
 Tunnel restriction code (D/E)

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

| Chemical name | French RG number | Title |
|---------------------------|------------------|-------|
| Methyl alcohol 67-56-1 | RG 84 | - |

Germany

Water hazard class (WGK) obviously hazardous to water (WGK 2)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

| Chemical name | Restricted substance per REACH Annex XVII | Substance subject to authorisation per REACH Annex XIV |
|--------------------------|---|--|
| Methyl alcohol - 67-56-1 | 69. | |

Persistent Organic Pollutants

Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU)

H2 - ACUTE TOXIC

H3 - STOT SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE

Named dangerous substances per Seveso Directive (2012/18/EU)

| Chemical name | Lower-tier requirements (tons) | Upper-tier requirements (tons) |
|--------------------------|--------------------------------|--------------------------------|
| Methyl alcohol - 67-56-1 | 500 | 5000 |

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA Complies
DSL/NDSL Complies

| | |
|----------------------|-----------------|
| EINECS/ELINCS | Complies |
| ENCS | Does not comply |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

- H225 - Highly flammable liquid and vapour
- H300 - Fatal if swallowed
- H301 - Toxic if swallowed
- H310 - Fatal in contact with skin
- H311 - Toxic in contact with skin
- H330 - Fatal if inhaled
- H331 - Toxic if inhaled
- H370 - Causes damage to organs
- H373 - May cause damage to organs through prolonged or repeated exposure
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

| | | | |
|---------|-----------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |

| Classification procedure | |
|---|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used |
| Acute oral toxicity | Calculation method |
| Acute dermal toxicity | Calculation method |
| Acute inhalation toxicity - gas | Calculation method |
| Acute inhalation toxicity - Vapour | Calculation method |
| Acute inhalation toxicity - dust/mist | Calculation method |
| Skin corrosion/irritation | Calculation method |
| Serious eye damage/eye irritation | Calculation method |
| Respiratory sensitisation | Calculation method |
| Skin sensitisation | Calculation method |
| Mutagenicity | Calculation method |
| Carcinogenicity | Calculation method |
| Reproductive toxicity | Calculation method |
| STOT - single exposure | Calculation method |
| STOT - repeated exposure | Calculation method |

| | |
|--------------------------|--------------------|
| Acute aquatic toxicity | Calculation method |
| Chronic aquatic toxicity | Calculation method |
| Aspiration hazard | Calculation method |
| Ozone | Calculation method |

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (Environmental Protection Agency)
 Acute Exposure Guideline Level(s) (AEGL(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 Japan GHS Classification
 Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
 Organisation for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

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This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

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End of Safety Data Sheet