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



| Revis | de name : sion date : date : | 124041 - Giemsa solu 04/11/2022 18/01/2024 | tion modified Version (Revision) : | 2.0.0 (1.0.0 |
|-------|------------------------------------|---|---------------------------------------|--------------|
| | | 10,01,2021 | | |
| SEC | TION 1: Ident | ification of the substance/ı | nixture and of the company/ un | dertaking |
| l.1 | Product ident | tifier | | |
| | | nodified (124041) | | |
| | • | dentifier : CGH2-JCH6-T00K-GJY8 | e or mixture and uses advised a | apinet |
| 1.2 | Relevant ide | | e of mixture and uses advised a | gamst |
| | | g, processing, laboratory or repacking | use only. | |
| | Uses advised | | | |
| | | hose recommended. | | |
| 1.3 | Details of the | supplier of the safety data | sheet | |
| | ••• | | representative/downstream | |
| | user/distribu | 2 | | |
| | DC Fine Cher | | | |
| | Street: 88 H | • | | |
| | = | City: NW11 6DY London Unite | d Kingdom | |
| | - | +44 (0)20 7586 6800 44 (0)20 7504 1701 | | |
| | | contact : info@dcfinechemicals.c | | |
| 14 | | elephone number | | |
| | | uring office hours; Monday-Friday; 08: | 00-18:00) | |
| | | | | |
| SEC | TION 2: Hazar | rds identification | | |

Flam. Liq. 2 ; H225 - Flammable liquids : Category 2 ; Highly flammable liquid and vapour. Acute Tox. 3 ; H301 - Acute toxicity (oral) : Category 3 ; Toxic if swallowed. Acute Tox. 3 ; H311 - Acute toxicity (dermal) : Category 3 ; Toxic in contact with skin. Acute Tox. 3 ; H331 - Acute toxicity (inhalative) : Category 3 ; Toxic if inhaled. STOT SE 1 ; H370 - STOT-single exposure : Category 1 ; Causes damage to organs.

2.2 Label elements

Labelling according to Regulation GHS Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms



Flame (GHS02) · Skull and crossbones (GHS06) · Health hazard (GHS08)

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| Signal word DANGER | |
|-----------------------|--|
| Hazard statements | |
| H225 | Highly flammable liquid and vapour. |
| H301+H311+H331 | Toxic if swallowed, in contact with skin or if inhaled. |
| H370 | Causes damage to organs. |
| Precautionary state | ments |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P312 | Call a POISON CENTER/doctor if you feel unwell. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/doctor. |
| P308+P311 | IF exposed or concerned: Call a POISON CENTER/doctor. |
| P321 | Specific treatment (see on this label). |
| P501 | Dispose of content / container in accordance with procedures. |

2.3 Other hazards

This substance/mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

 Methanol; REACH No.: 01-2119433307-44-XXXX; EC No.: 200-659-6; CAS No.: 67-56-1

 Weight fraction:
 ≥ 35 - < 40 %</td>

 Classification 1272/2008 [CLP]:
 Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox

≥ 35 - < 40 % Flam. Liq. 2 ; H225 Acute Tox. 3 ; H301 Acute Tox. 3 ; H311 Acute Tox. 3 ; H331 STOT SE 1 ; H370

Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

Immediate medical attention is required. Delayed effects may occur after the exposure to the product.

4.1 Description of first aid measures

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician. After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Remove victim out of the danger area. In case of inhalation take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

4.2 Most important symptoms and effects, both acute and delayed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. Accidental contact may result in serious respiratory difficulties, alteration of the central nervous system and in extreme cases, unconsciousness.

4.3 Indication of any immediate medical attention and special treatment needed

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

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SECTION 5: Firefighting measures

The product is Highly inflammable, it can cause or considerably worsen a fire, the necessary prevention measures should be taken and risks avoided. In case of fire, the following measures are recommended:

5.1 Extinguishing media

Suitable extinguishing media

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Pyrolysis products, toxic

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Do not inhale explosion and combustion gases. In case of fire: Wear self-contained breathing apparatus. Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Special protective equipment for firefighters

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Clear spills immediately.

For non-emergency personnel

Wear a self-contained breathing apparatus and chemical protective clothing. Remove persons to safety.

For emergency responders

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up

For containment

Collect in closed and suitable containers for disposal.

For cleaning up

The contaminated area should be cleaned up immediately with: Water Soak up inert absorbent and dispose as waste requiring special attention. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Avoid dust formation. Clear spills immediately.

6.4 Reference to other sections

Reference to other sections Disposal: see section 13 Personal protection equipment: see section 8

SECTION 7: Handling and storage

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| | ording to Regu ording to Regu | lation (EC) N | o. 1907/2006 (REACH) o. 2020/878 | | DC Fine Chemicals |
|-------|--|---------------------------------------|--|------------------------|-------------------------|
| Revis | de name : ion date : date : | 124041 · 04/11/2022 18/01/2024 | Giemsa solution modified Versio | n (Revision) : | 2.0.0 (1.0.0) |
| 7.1 | Precautions for In case of insuffici Protective m | ent ventilation and | ng /or through use, explosive/highly flammable | e mixtures may develo | op. |
| | personal protection Measures to protection Vapours can for | m explosive mixtu | | | Wear es. Use only in |
| | Environmental Use appropriate Specific require | precautions | environmental contamination. | | |
| | • | | ntional hygiene | | |
| | | 5 ,5 | and housekeeping. | | |
| 7.2 | | - | , including any incompatibilitie | 25 | |
| | Storage tempe | rature : | torage conditions | smoking. | |
| | Requirement Only use containe | s for storage ers specifically app | rooms and vessels roved for the substance/product. | - | |
| | radiation/sunlight | netres apart from: | Chemicals/products that react together read | dily Protect against H | umidity. UV- |
| 7.3 | Specific end u | | | | |
| /.5 | None | 36(3) | | | |
| SEC | | uro controla/ | personal protection | | |
| | - | | personal protection | | |
| 8.1 | Control param | | | | |
| | Methanol ; CAS No | l exposure lin p. : 67-56-1 | nit values | | |
| | Limit value type Limit value : Version : | (country of origin) : | TWA (GLOB) 200 ppm / 8 h | | |
| | | (country of origin) : | TWA(GLOB) 266 mg/m³ / 8 h | | |
| | Limit value type Limit value : | (country of origin) : | TWA (GLOB) 250 ppm / 15 min | | |

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|---|--------------------------------------|--|---------------|
| Version : | | | |
| Limit value type (co Limit value : | ountry of origin) : | TWA (GLOB) 333 mg/m ³ / 15 min | |
| Version : | | | |
| DNEL-/PNEC-v | alues | | |
| DNEL/DMEL | | | |
| Methanol ; CAS No. | : 67-56-1 | | |
| Limit value type : | | DNEL Consumer (local) | |
| Exposure route : | | Inhalation | |
| Exposure freque | ncy : | Short-term | |
| Limit value : | | 26 mg/m ³ | |
| Limit value type : | | DNEL Consumer (local) | |
| Exposure route : | | Inhalation | |
| Exposure freque | ncy : | Long-term | |
| Limit value : | | 26 mg/m ³ | |
| Limit value type : | | DNEL Consumer (systemic) | |
| Exposure route : | | Dermal | |
| Exposure freque | ncy : | Short-term | |
| Limit value : | | 4 mg/kg | |
| Limit value type : | | DNEL Consumer (systemic) | |
| Exposure route : | | Inhalation | |
| Exposure freque | ncy : | Short-term | |
| Limit value : | | 26 mg/m ³ | |
| Limit value type : | | DNEL Consumer (systemic) | |
| Exposure route : | | Dermal | |
| Exposure freque | ncy: | Long-term | |
| Limit value : | | 4 mg/kg | |
| Limit value type : | | DNEL Consumer (systemic) | |
| Exposure route : | | Inhalation | |
| Exposure freque | ncy : | Long-term | |
| Limit value : | | 26 mg/m ³ | |
| Limit value type : | | DNEL Consumer (systemic) | |
| Exposure route : | | Oral Short term | |
| Exposure freque | icy : | Short-term | |
| Limit value : | | 4 mg/kg DNEL Consumer (systemic) | |
| Limit value type : Exposure route : | | Oral | |
| Exposure freque | | Long-term | |
| Limit value : | icy. | 4 mg/kg | |
| Limit value type : | | DNEL worker (local) | |
| Exposure route : | | Inhalation | |
| Exposure freque | | Short-term | |
| Limit value : | | 130 mg/m ³ | |
| Limit value type : | | DNEL worker (local) | |
| Exposure route : | | Inhalation | |
| Exposure freque | | Long-term | |
| Limit value : | , . | 130 mg/m ³ | |
| Limit value type : | | DNEL worker (systemic) | |

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|--|---|--|---------------|
| Exposure route : | | Dermal | |
| Exposure frequency | /: | Short-term | |
| Limit value : | | 20 mg/kg | |
| Limit value type : | | DNEL worker (systemic) | |
| Exposure route : | | Inhalation | |
| Exposure frequency | /: | Short-term | |
| Limit value : | | 130 mg/m ³ | |
| Limit value type : | | DNEL worker (systemic) | |
| Exposure route : | | Dermal | |
| Exposure frequency | /: | Long-term | |
| Limit value : | | 20 mg/kg | |
| Limit value type : | | DNEL worker (systemic) | |
| Exposure route : | | Inhalation | |
| Exposure frequency | /: | Long-term | |
| Limit value : PNEC | | 130 mg/m ³ | |
| Methanol ; CAS No. : (| 67 66 1 | | |
| | 07-30-1 | PNEC (Aquatic, freshwater) | |
| Limit value type : | | | |
| Exposure route : Limit value : | | Water (Including sewage plant) 20.8 mg/l | |
| Limit value type : | | PNEC (Aquatic, intermittent release) | |
| Exposure route : | | Water (Including sewage plant) | |
| Limit value : | | 1540 mg/l | |
| Limit value type : | | PNEC (Aquatic, marine water) | |
| Exposure route : | | Water (Including sewage plant) | |
| Limit value : | | 2.08 mg/l | |
| Limit value type : | | PNEC (Sediment, freshwater) | |
| Exposure route : | | Water (Including sewage plant) | |
| Limit value : | | 77 mg/kg | |
| Limit value type : | | PNEC (Sediment, marine water) | |
| Exposure route : | | Water (Including sewage plant) | |
| Limit value : | | 7.7 mg/kg | |
| Limit value type : | | PNEC (Soil) | |
| Exposure route : | | Soil | |
| Limit value : | | 100 mg/kg | |
| Limit value type : | | PNEC (Sewage treatment plant) | |
| Exposure route : | | Water (Including sewage plant) | |
| Limit value : | | 100 mg/l | |
| 3.2 Exposure controls | | | |
| Only wear fitting, comfo | ortable and cl | ean protective clothing. | |
| Personal protect | ion equip | ment | |
| Eye/face protect | | | |
| _,., | | | |
| Eve alaccoc with cide | protection E | ace protection shield EN 166 | |
| Skin protection | • | | |
| | | | |

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| | | | |

Hand protection



Tested protective gloves must be worn EN ISO 374 The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Body protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Wear anti-static footwear and clothing Wash contaminated clothing prior to re-use.



Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.



The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Particle filter device (EN 143).

Thermal hazards

No special measures are necessary.

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Liquid

| Safety characteristics | | | |
|--|--------------|--------------------|----|
| Melting point/freezing point : | (1013 hPa) | No data available | |
| Initial boiling point and boiling range : | (1013 hPa) | No data available | |
| Decomposition temperature : | (1013 hPa) | No data available | |
| Flash point : | | 18 | °C |
| Auto-ignition temperature : | | No data available | |
| Lower explosion limit : | | No data available | |
| Upper explosion limit : | | No data available | |
| Vapour pressure : | (50 °C) | No data available | |
| Density : | (20 °C) | No data available | |
| Solvent separation test : | (20 °C) | not applicable | |
| Water solubility : | (20 °C) | No data available | |
| Fat solubility : | (20 °C) | No data available. | |
| рН : | | No data available | |
| log P O/W : | | No data available | |



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|---|---|--|----------------------------------|---------------------|
| Flow time : | (20 ° | PC) | No data available | DIN- cup 4 mm |
| Viscosity : | (20 9 | °C) | No data available | |
| Relative vapour densi | t y: (20 ° | ý Ú | No data available | |
| Evaporation rate : | | | No data available | |
| Flammable solids : Flammable gases : Explosive properties : | No da | ata available. ata available. ata available. | | |

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

The product does not present hazards by their reactivity.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature. Safe handling: see section 7

10.3 Possibility of hazardous reactions

The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid

Avoid any improper handling.

10.5 Incompatible materials

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products

In case of fire may be liberated: Hazardous combustion products

SECTION 11: Toxicological information

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

Acute toxicity

| Acute oral toxicity | |
|---------------------------|---------------------------------------|
| Parameter : | LD50 (Methanol; CAS No.: 67-56-1) |
| Exposure route : | Oral |
| Species : | Rat |
| Effective dose : | 100 mg/kg |
| Acute dermal toxicity | |
| Parameter : | LD50 (Methanol; CAS No.: 67-56-1) |
| Exposure route : | Dermal |
| Species : | Rabbit |
| Effective dose : | 300 mg/kg |
| Acute inhalation toxicity | |
| Parameter : | LC50 (Methanol ; CAS No. : 67-56-1) |
| Exposure route : | Inhalation |
| Species : | Rat |
| | |

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|---|---|--|--|---------------|
| Effective dose : | | 3 mg/l | | |
| Exposure time : | | 4 h | | |
| Corrosion Skin corrosion/iri | ritation | | | |
| No information ava | | | | |
| Serious eye dama | | ion | | |
| No information ava | | | | |
| Respiratory or | skin sensiti | isation | | |
| No information avail | | | | |
| CMR effects (ca | arcinogenio | city, mutagenicit | ty and toxicity for reproduct | ion) |
| Carcinogenicity | | | , | - 1 |
| No information ava | ailable. | | | |
| Germ cell mutage | enicity | | | |
| No information ava | | | | |
| Reproductive tox | • | | | |
| No information ava | | | | |
| STOT-single ex | • | | | |
| No information ava | | | | |
| | | | | |
| STOT-repeated | - | | | |
| No information ava | ailable. | | | |
| No information ava | ailable. ard | | | |
| No information ava Aspiration haza No information ava | ailable. ard ailable. | | | |
| No information ava Aspiration haza No information ava 1.2 Information on | ailable. ard ailable. other haza | rds | | |
| No information ava Aspiration haza No information ava | ailable. ard ailable. other haza | rds | | |
| No information ava Aspiration haza No information ava 1.2 Information on | ailable. ard ailable. other haza bble. | | | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecologi | ailable. ard ailable. other haza bble. | | | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecolog | ailable. ard ailable. other haza ible. ical informa | | | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity | ailable. ard ailable. other haza ible. ical informa | ation | | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecologi 2.1 Toxicity | ailable. ard ailable. other haza ible. ical informa | ation | S No. : 67-56-1) | |
| No information ava Aspiration haza No information ava No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term | ailable. ard ailable. other haza ible. ical informa | ation | - | |
| No information ava Aspiration haza No information ava No information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation parameter | ailable. ard other haza ible. ical informa y n) fish toxicity | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis | (Bluegill) | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation paramete Effective dose : | ailable. ard other haza ible. ical informa y n) fish toxicity | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis 15.4 g/l | (Bluegill) | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation parame Effective dose : Exposure time : | ailable. ard ailable. other haza ible. ical informa y n) fish toxicity | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis 15.4 g/l 96 h | (Bluegill) | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation parameter Effective dose : Exposure time : Chronic (long-term | ailable. ard ailable. other haza ible. ical informa y n) fish toxicity | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis 15.4 g/l 96 h | (Bluegill) sh toxicity | |
| No information ava Aspiration haza No information ava I.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation paramete Effective dose : Exposure time : Chronic (long-term Parameter : | ailable. ard ailable. other haza ible. ical informa y n) fish toxicity | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis 15.4 g/l 96 h | (Bluegill) sh toxicity AS No. : 67-56-1) | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation parameter Effective dose : Exposure time : Chronic (long-term | ailable. ard ailable. other haza ible. ical informa n) fish toxicity eter : m) fish toxicit | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis 15.4 g/l 96 h Y NOEC (Methanol ; CA Oryzias latipes (Ricefit | (Bluegill) sh toxicity AS No. : 67-56-1) ish) | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation paramete Effective dose : Exposure time : Chronic (long-term Parameter : Species : | ailable. ard ailable. other haza ible. ical informa n) fish toxicity eter : m) fish toxicit | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis 15.4 g/l 96 h Y NOEC (Methanol ; CA | (Bluegill) sh toxicity AS No. : 67-56-1) ish) | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation paramete Effective dose : Exposure time : Chronic (long-term Parameter : Species : Evaluation parameter : Species : Evaluation parameter : Species : Evaluation parameter : | ailable. ard ailable. other haza able. ical informa (y n) fish toxicity eter : m) fish toxicit | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis 15.4 g/l 96 h Y NOEC (Methanol ; CA Oryzias latipes (Ricefi: Chronic (long-term) fi 15.8 g/l | (Bluegill) sh toxicity AS No. : 67-56-1) ish) | |
| No information ava Aspiration haza No information ava I.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation paramete Effective dose : Exposure time : Chronic (long-term Parameter : Species : Evaluation paramete Effective dose : Acute (short-term Parameter : | ailable. ard ailable. other haza able. ical informa (y n) fish toxicity eter : m) fish toxicit | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis 15.4 g/l 96 h Y NOEC (Methanol ; CA Oryzias latipes (Ricefi: Chronic (long-term) fi 15.8 g/l crustacea EC50 (Methanol ; CA | (Bluegill) sh toxicity AS No. : 67-56-1) ish) ish toxicity AS No. : 67-56-1) | |
| No information ava Aspiration haza No information ava 1.2 Information on No information availa ECTION 12: Ecolog 2.1 Toxicity Aquatic toxicity Acute (short-term Parameter : Species : Evaluation paramete Effective dose : Exposure time : Chronic (long-term Parameter : Species : Evaluation parameter : Species : Evaluation parameter : Species : Evaluation parameter : Species : Evaluation parameter : Species : | ailable. ard ailable. other haza able. ical informa (y n) fish toxicity eter : m) fish toxicit eter : n) toxicity to c | LC50 (Methanol ; CA Lepomis macrochirus Acute (short-term) fis 15.4 g/l 96 h Y NOEC (Methanol ; CA Oryzias latipes (Ricefi: Chronic (long-term) fi 15.8 g/l crustacea EC50 (Methanol ; CA Daphnia magna (Big v | (Bluegill) sh toxicity AS No. : 67-56-1) ish) ish toxicity AS No. : 67-56-1) water flea) | |
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|--|--------------------------|---|---------------|
| Exposure time : | | 48 h | |
| Parameter : | | EC50 (Methanol ; CAS No. : 67-56-1) | |
| Species : | | Nitrocra spinipes | |
| Evaluation paramet | er : | Acute (short-term) toxicity to crustacea | |
| Effective dose : | | 12 g/l | |
| Exposure time : | | 96 h | |
| Parameter : | | EC50 (Methanol ; CAS No. : 67-56-1) | |
| Species : | | M.Aeruginosa | |
| Evaluation paramet | or · | Acute (short-term) toxicity to algae and cyanobacteria | |
| | | | |
| Effective dose : | | 530 mg/l | |
| Exposure time : | | 168 hour(s) | |
| Parameter : | | EC5 (Methanol ; CAS No. : 67-56-1) | |
| Species : | | E.Sulcatum | |
| Evaluation paramet | er: | Acute (short-term) toxicity to crustacea | |
| Effective dose : | | 10 g/l | |
| Exposure time : | | 72 h | |
| Parameter : | | EC5 (Methanol ; CAS No. : 67-56-1) | |
| Species : | | Pseudomonas fluorescens | |
| Evaluation paramet | er: | Acute (short-term) toxicity to crustacea | |
| Effective dose : | | 6.6 g/l | |
| Exposure time : | | 16 h | |
| Chronic (long-tern | 1) toxicity to | aquatic invertebrate | |
| Parameter : | | NOEC (Methanol; CAS No.: 67-56-1) | |
| Species : | | Daphnia magna (Big water flea) | |
| Evaluation paramet | er : | Chronic (long-term) toxicity to aquatic invertebrate | |
| Effective dose : | | 122 mg/l | |
| Toxicity to other a | quatic plants | | |
| Parameter : | quarie planes | IC50 (Methanol ; CAS No. : 67-56-1) | |
| Species : | | Pseudokirchneriella subcapitata | |
| • | ori | • | |
| Evaluation paramet | | Acute (short-term) toxicity to algae and cyanobacteria | |
| Effective dose : | | 22 g/l | |
| Exposure time : | | 96 h | |
| Parameter : | | IC50 (Methanol ; CAS No. : 67-56-1) | |
| Species : | | Activated sludge | |
| Evaluation paramet | er : | Toxicity to other aquatic plants/organisms | |
| Effective dose : | | > 1 g/l | |
| Exposure time : | | 3 h | |
| L2.2 Persistence and No information available | - | ity | |
| | | | |
| 12.3 Bioaccumulative | - | | |
| Parameter : | E | bioconcentration factor (BCF) (Methanol ; CAS No. : 67-56-1) bioconcentration factor (BCF) | |
| Value : | 3 | | |
| Parameter : | | og KOW (Methanol ; CAS No. : 67-56-1) | |
| | F | Partition coefficient n-octanol/water (log value) | |
| | F | Partition coefficient n-octanol/water (log value) | |
| Value : | - | 0.77 | |
| 12.4 Mobility in soil | | | |
| | | | |
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No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of Directive 2008/98/EC regarding waste management.

Product/Packaging disposal

Waste treatment options

Recycle according to official regulations. Evidence for disposal must be provided.

Appropriate disposal / Product

Dispose of waste according to applicable legislation.

Appropriate disposal / Package

Non-contaminated packages must be recycled or disposed of. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1 UN number

UN 1992

14.2 UN proper shipping name

Land transport (ADR/RID) FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol) Sea transport (IMDG) FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol) Air transport (ICAO-TI / IATA-DGR) FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol)

14.3 Transport hazard class(es)

| Fransport hazard class(es) | |
|--------------------------------------|----------|
| Land transport (ADR/RID) | |
| Class(es) : | 3 |
| Classification code : | FT1 |
| Hazard identification number (Kemler | |
| No.) : | 336 |
| Tunnel restriction code : | D/E |
| Special provisions : | LQ 1 I · |
| Hazard label(s) : | 3 / 6.1 |
| Sea transport (IMDG) | |

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| Print date : | 18/01/2024 | | |
| Class(es) : | 3 | | |
| EmS-No. : | F-E / S-D | | |
| Special provisions : | LQ 1 · E 2 | | |

| Hazard label(s) : | 3 / 6.1 |
|------------------------------------|---------|
| Air transport (ICAO-TI / IATA-DGR) | |
| Class(es) : | 3/6.1 |
| Special provisions : | E 2 |
| Hazard label(s) : | 3 / 6.1 |
| | |

14.4 Packing group

II

14.5 Environmental hazards

Land transport (ADR/RID): No

Sea transport (IMDG): No

Air transport (ICAO-TI / IATA-DGR): No

14.6 Special precautions for user Hazard label(s) :



14.7 Transport in bulk according to Annex II of Marpol and the IBC Code No information available.

SECTION 15: Regulatory information

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

Safety Data Sheet According to Regulation (EC) No. 1907/2006 (REACH) Classification according to Regulation (EC) No 1272/2008 [CLP] according to Regulation (EU) No. 2020/878

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

| Hazard categories | H2 - ACUTE TOXIC 2 | | | |
|--|-------------------------|--|--|--|
| Lower-tier requirements (t) | 50 | | | |
| Upper-tier requirements (t) | 200 | | | |
| Hazard categories | P5c - FLAMMABLE LIQUIDS | | | |
| Lower-tier requirements (t) | 5000 | | | |
| Upper-tier requirements (t) | 50000 | | | |
| EU legislation | | | | |
| Authorisations and/or restrictions on use | | | | |
| Restrictions on use | | | | |
| Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions) | | | | |
| Use restriction according to REACH annex XVII, no. : 3 | | | | |
| National regulations | | | | |
| Water hazard class | | | | |
| Class : nwg (Non-hazardous to water) | | | | |

15.2 Chemical Safety Assessment

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| | | | |

No information available.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

| ADR: | European Agreement concerning the International Carriage of Dangerous Goods by Road |
|--------------|--|
| ASTM: | ASTM International, originally known as American Society for Testing and Materials (ASTM) |
| EINECS: | European Inventory of Existing Commercial Chemical Substances |
| EC50: | Effective Concentration 50 (Maximum Effective Concentration for 0% of Individuals) |
| LC50: | Lethal Concentration 50 (Lethal Concentration for 50% of Individuals) |
| IC50: | Inhibitor Concentration 50 (Inhibitory Concentration for 50% of Individuals) |
| NOEL: | No Observed Effect Level (Maximum dose without effect) |
| DNEL: | Derived No Effect Level (Derived no-effect dose) |
| DMEL: | Derived Minimum Effect Level (Derived dose of minimal effect) |
| CLP: | Classification, Labelling and Packaging |
| CSR: | Chemical Safety Report |
| LD50: | Lethal Dose 50 (Lethal Dose for 50% of Individuals) |
| IATA: | International Air Transport Association |
| ICAO: | International Civil Aviation Organization |
| Codice IMDG: | International Maritime Dangerous Goods code |
| PBT: | Persistent, bioaccumulative and toxic |
| RID: | Regulations concerning the international rail transport of Dangerous Goods |
| STEL: | Short term exposure limit |
| TLV: | Threshold limit value |
| TWA: | Time Weighted Average |
| UE: | European Union |
| vPvB: | Very persistent very bioaccumulative |
| N.D.: | Uvailable |
| N.A.: | Not applicable |
| VwVwS.: | Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes |

16.3 Key literature references and sources for data

None

^{16.4} Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

- H225Highly flammable liquid and vapour.H301Toxic if swallowed.H311Toxic in contact with skin.H331Toxic if inhaled.
- H370 Causes damage to organs.

16.6 Training advice

None

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16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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