

SAFETY DATA SHEET

Version 5.6 Revision Date 09/23/2016 Print Date 07/14/2017

a SIGMA-ALDRICH<sup>\*</sup>company

# 1. PRODUCT AND COMPANY IDENTIFICATION

| 1.1 | Product identifiers<br>Product name |   | Mathylana Da hydraeblarida calutian             |
|-----|-------------------------------------|---|---|
|     | i loudot hamo                       | • | Methylone-D <sub>3</sub> hydrochloride solution |
|     | Product Number                      | : | M-141   |
|     | Brand                               | : | Cerilliant                                      |
|     | Index-No.                           | : | 603-001-00-X                                    |
|     |                                     |   |   |
|     |                                     |   |   |

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

Identified uses : Laboratory chemicals, Synthesis of substances

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

| Company          | : | Sigma-Aldrich<br>3050 Spruce Street<br>SAINT LOUIS MO 63103<br>USA |
|------------------|---|--|
| Telephone<br>Fax | : | +1 800-325-5832<br>+1 800-325-5052                                 |

#### 1.4 **Emergency telephone number**

**Emergency Phone #** : +1-703-527-3887 (CHEMTREC)

## 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

#### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 2), H225 Acute toxicity, Oral (Category 3), H301 Acute toxicity, Inhalation (Category 3), H331 Acute toxicity, Dermal (Category 3), H311 Specific target organ toxicity - single exposure (Category 1), H370

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

| Hazard statement(s)<br>H225<br>H301 + H311 + H331<br>H370          | Highly flammable liquid and vapour.<br>Toxic if swallowed, in contact with skin or if inhaled<br>Causes damage to organs.   |
|--|---|
| Precautionary statement(s)<br>P210<br>P233<br>P240<br>P241<br>P242 | Keep away from heat/sparks/open flames/hot surfaces. No smoking.<br>Keep container tightly closed.<br>Ground/bond container and receiving equipment.<br>Use explosion-proof electrical/ ventilating/ lighting/ equipment.<br>Use only non-sparking tools. |

| P243               | Take precautionary measures against static discharge.  |
|--------------------|--|
| P260               | Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  |
| P264               | Wash skin thoroughly after handling.   |
| P270               | Do not eat, drink or smoke when using this product.  |
| P271               | Use only outdoors or in a well-ventilated area.  |
| P280               | Wear protective gloves/ protective clothing/ eye protection/ face protection.                                |
| P301 + P310        | F SWALLOWED: Immediately call a POISON CENTER/doctor.  |
| P303 + P361 + P353 | IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. |
| P304 + P340        | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.             |
| P307 + P311        | IF exposed: Call a POISON CENTER or doctor/ physician.   |
| P322               | Specific measures (see supplemental first aid instructions on this label).                                   |
| P330               | Rinse mouth.   |
| P361               | Remove/Take off immediately all contaminated clothing.   |
| P363               | Wash contaminated clothing before reuse.   |
| P370 + P378        | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.                        |
| P403 + P233        | Store in a well-ventilated place. Keep container tightly closed.   |
| P403 + P235        | Store in a well-ventilated place. Keep cool.   |
| P405               | Store locked up.   |
| P501               | Dispose of contents/ container to an approved waste disposal plant.  |

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.2 Mixtures

#### Hazardous components

| Component           |                       | Classification              | Concentration  |  |  |  |
|---------------------|-----------------------|-----------------------------|----------------|--|--|--|
| Methanol            |                       |                             |                |  |  |  |
| CAS-No.             | 67-56-1               | Flam. Liq. 2; Acute Tox. 3; | >= 90 - <= 100 |  |  |  |
| EC-No.              | 200-659-6             | STOT SE 1; H225, H301 +     | %              |  |  |  |
| Index-No.           | 603-001-00-X          | H311 + H331, H370           |                |  |  |  |
| Registration number | 01-2119433307-44-XXXX | ·                           |                |  |  |  |

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

#### **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

# **5. FIREFIGHTING MEASURES**

#### 5.1 Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture No data available

## **5.3** Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.

# 5.4 Further information

Use water spray to cool unopened containers.

# 6. ACCIDENTAL RELEASE MEASURES

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

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

For personal protection see section 8.

# 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

# 6.4 Reference to other sections

For disposal see section 13.

# 7. HANDLING AND STORAGE

# 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use explosion-proof equipment.Keep away from sources of ignition - No smoking.Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store under inert gas. hygroscopic

Recommended storage temperature -20 °C

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

#### Components with workplace control parameters

| Component | CAS-No. | Value   | Control parameters | Basis                                      |
|-----------|---------|---|--------------------|--|
| Methanol  | 67-56-1 | TWA   | 200.000000<br>ppm  | USA. ACGIH Threshold Limit Values<br>(TLV) |
|           | Remarks | Headache<br>Nausea<br>Dizziness<br>Eye damage |                    |  |

| Substances  | s for which there is  | a Biological Exposure Index or Indices   |
|---|---|--|
| (see BEI®   | section)  |  |
|   | cutaneous absorpt   |  |
| STEL  | 250.000000  | USA. ACGIH Threshold Limit Values  |
|   | ppm   | (TLV)  |
| Headache  |   |  |
| Nausea  |   |  |
| Dizziness   |   |  |
| Eye damag   |   |  |
|   |   | s a Biological Exposure Index or Indices   |
| (see BEI®<br>Danger of c  | ion   |  |
| TWA   | 200.000000  | USA. NIOSH Recommended   |
|   | ppm   | Exposure Limits  |
|   | 260.000000  |  |
|   | mg/m3   |  |
| Potential fo  | or dermal absorption  | ิก   |
| ST  | 250.000000  | USA. NIOSH Recommended   |
|   | ppm   | Exposure Limits  |
|   | 325.000000  |  |
|   | mg/m3   |  |
|   | or dermal absorption  |  |
| TWA   | 200.000000  | USA. Occupational Exposure Limits  |
|   | ppm<br>260.000000   | (OSHA) - Table Z-1 Limits for Air<br>Contaminants  |
|   | mg/m3   | Containinants  |
| The value i   | n mg/m3 is approx   | vimate   |
| TWA   | 200 ppm   | USA. ACGIH Threshold Limit Values  |
| 10070   | 200 ppm   | (TLV)  |
| Headache  |   |  |
| Nausea  |   |  |
| Dizziness   |   |  |
| Eye damag   |   | - Distantiast Francesco Index on Indiana   |
|   | s for which there is  | a Biological Exposure Index or Indices   |
|   |   | <b>0</b>   |
| (see BEI®   | section)  |  |
| (see BEI®<br>Danger of c  | section)<br>cutaneous absorpt   | ion  |
| (see BEI®<br>Danger of c  | section)  | ion  |
| (see BEI®<br>Danger of o<br>STEL<br>Headache  | section)<br>cutaneous absorpt   | ion<br>USA. ACGIH Threshold Limit Values   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea  | section)<br>cutaneous absorpt   | uon<br>USA. ACGIH Threshold Limit Values   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness   | section)<br>cutaneous absorpt<br>250 ppm  | ion<br>USA. ACGIH Threshold Limit Values   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag  | section)<br><u>cutaneous absorpt</u><br>250 ppm<br>je   | USA. ACGIH Threshold Limit Values<br>(TLV)   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances  | section)<br>cutaneous absorpt<br>250 ppm<br>ge<br>s for which there is  | USA. ACGIH Threshold Limit Values  |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®   | section)<br>cutaneous absorpt<br>250 ppm<br>ge<br>s for which there is<br>section)  | USA. ACGIH Threshold Limit Values<br>(TLV)   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®   | section)<br>cutaneous absorpt<br>250 ppm<br>ge<br>s for which there is<br>section)<br>cutaneous absorpt   | USA. ACGIH Threshold Limit Values<br>(TLV)<br>a Biological Exposure Index or Indices   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®<br>Danger of o  | section)<br>cutaneous absorpt<br>250 ppm<br>ge<br>s for which there is<br>section)  | USA. ACGIH Threshold Limit Values<br>(TLV)   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®<br>Danger of o<br>TWA<br>Potential fo                                     | section)<br><u>cutaneous absorpt</u><br>250 ppm<br>s for which there is<br>section)<br><u>cutaneous absorpt</u><br>200 ppm<br>260 mg/m3<br>or dermal absorption   | tion<br>USA. ACGIH Threshold Limit Values<br>(TLV)<br>s a Biological Exposure Index or Indices<br>tion<br>USA. NIOSH Recommended<br>Exposure Limits  |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®<br>Danger of o<br>TWA   | section)<br><u>cutaneous absorpt</u><br>250 ppm<br>ge<br>s for which there is<br>section)<br><u>cutaneous absorpt</u><br>200 ppm<br>260 mg/m3<br>or dermal absorption<br>250 ppm  | tion<br>USA. ACGIH Threshold Limit Values<br>(TLV)<br>s a Biological Exposure Index or Indices<br>tion<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. NIOSH Recommended  |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®<br>Danger of o<br>TWA<br>Potential fo<br>ST                               | section)<br>cutaneous absorpt<br>250 ppm<br>250 ppm<br>s for which there is<br>section)<br>cutaneous absorpt<br>200 ppm<br>260 mg/m3<br>or dermal absorption<br>250 ppm<br>325 mg/m3  | tion<br>USA. ACGIH Threshold Limit Values<br>(TLV)<br>s a Biological Exposure Index or Indices<br>tion<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. NIOSH Recommended<br>Exposure Limits   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®<br>Danger of o<br>TWA<br>Potential fo<br>ST                               | section)<br>cutaneous absorpt<br>250 ppm<br>250 ppm<br>s for which there is<br>section)<br>cutaneous absorpt<br>200 ppm<br>260 mg/m3<br>or dermal absorption<br>325 mg/m3<br>or dermal absorption   | tion<br>USA. ACGIH Threshold Limit Values<br>(TLV)<br>s a Biological Exposure Index or Indices<br>tion<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. NIOSH Recommended<br>Exposure Limits<br>on   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®<br>Danger of o<br>TWA<br>Potential fo<br>ST                               | section)<br>cutaneous absorpt<br>250 ppm<br>250 ppm<br>s for which there is<br>section)<br>cutaneous absorpt<br>200 ppm<br>260 mg/m3<br>or dermal absorption<br>250 ppm<br>325 mg/m3  | tion<br>USA. ACGIH Threshold Limit Values<br>(TLV)<br>s a Biological Exposure Index or Indices<br>tion<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. Occupational Exposure Limits<br>(OSHA) - Table Z-1 Limits for Air   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®<br>Danger of o<br>TWA<br>Potential fo<br>ST<br>Potential fo<br>TWA        | section)<br>cutaneous absorpt<br>250 ppm<br>250 ppm<br>s for which there is<br>section)<br>cutaneous absorpt<br>200 ppm<br>260 mg/m3<br>or dermal absorption<br>250 ppm<br>325 mg/m3<br>or dermal absorption<br>200 ppm<br>260 mg/m3  | tion<br>USA. ACGIH Threshold Limit Values<br>(TLV)<br>s a Biological Exposure Index or Indices<br>tion<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. Occupational Exposure Limits<br>(OSHA) - Table Z-1 Limits for Air<br>Contaminants   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®<br>Danger of o<br>TWA<br>Potential fo<br>ST<br>Potential fo<br>TWA        | section)<br>cutaneous absorpt<br>250 ppm<br>250 ppm<br>s for which there is<br>section)<br>cutaneous absorpt<br>200 ppm<br>260 mg/m3<br>or dermal absorption<br>250 ppm<br>325 mg/m3<br>or dermal absorption<br>260 mg/m3<br>or dermal absorption<br>200 ppm<br>260 mg/m3<br>or dermal absorption<br>200 ppm<br>260 mg/m3 | tion<br>USA. ACGIH Threshold Limit Values<br>(TLV)<br>s a Biological Exposure Index or Indices<br>tion<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. Occupational Exposure Limits<br>(OSHA) - Table Z-1 Limits for Air<br>Contaminants   |
| (see BEI®<br>Danger of o<br>STEL<br>Headache<br>Nausea<br>Dizziness<br>Eye damag<br>Substances<br>(see BEI®<br>Danger of o<br>TWA<br>Potential fo<br>ST<br>Potential fo<br>TWA<br>TWA | section)<br>cutaneous absorpt<br>250 ppm<br>250 ppm<br>s for which there is<br>section)<br>cutaneous absorpt<br>200 ppm<br>260 mg/m3<br>or dermal absorption<br>250 ppm<br>325 mg/m3<br>or dermal absorption<br>260 mg/m3<br>or dermal absorption<br>250 ppm<br>325 mg/m3   | tion<br>USA. ACGIH Threshold Limit Values<br>(TLV)<br>s a Biological Exposure Index or Indices<br>tion<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. NIOSH Recommended<br>Exposure Limits<br>on<br>USA. Occupational Exposure Limits<br>(OSHA) - Table Z-1 Limits for Air<br>Contaminants<br>kimate. |

| TWA       | 200 ppm<br>260 mg/m3 | USA. OSHA - TABLE Z-1 Limits for<br>Air Contaminants - 1910.1000                              |
|-----------|----------------------|---|
| Skin nota | ition                |   |
| C         | 1,000 ppm            | California permissible exposure<br>limits for chemical contaminants<br>(Title 8, Article 107) |
| Skin      |                      |   |
| PEL       | 200 ppm<br>260 mg/m3 | California permissible exposure<br>limits for chemical contaminants<br>(Title 8, Article 107) |
| Skin      |                      |   |
| STEL      | 250 ppm<br>325 mg/m3 | California permissible exposure<br>limits for chemical contaminants<br>(Title 8, Article 107) |
| Skin      |                      |   |

#### **Biological occupational exposure limits**

| Component | CAS-No. | Parameters       | Value           | Biological specimen   | Basis   |
|-----------|---------|------------------|-----------------|-----------------------|---|
| Methanol  | 67-56-1 | Methanol         | 15.0000<br>mg/l | Urine                 | ACGIH - Biological<br>Exposure Indices<br>(BEI) |
|           | Remarks | End of shift (As | s soon as po    | ssible after exposure | e ceases)                                       |
|           |         | Methanol         | 15 mg/l         | Urine                 | ACGIH - Biological<br>Exposure Indices<br>(BEI) |
|           |         | End of shift (As | s soon as po    | ssible after exposure | e ceases)                                       |

#### 8.2 Exposure controls

#### Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

#### Personal protective equipment

#### Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: 480 min Material tested:Butoject® (KCL 897 / Aldrich Z677647, Size M)

Splash contact Material: Nitrile rubber Minimum layer thickness: 0.4 mm Break through time: 30 min Material tested:Camatril® (KCL 730 / Aldrich Z677442, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

## **Body Protection**

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

| a) | Appearance   | Form: liquid  |
|----|--|---|
| b) | Odour  | No data available   |
| c) | Odour Threshold                                    | No data available   |
| d) | рН   | No data available   |
| e) | Melting point/freezing point                       | No data available   |
| f) | Initial boiling point and boiling range            | 64 - 65 °C (147 - 149 °F) at 1.013 hPa (0.760 mmHg)             |
| g) | Flash point  | 9.7 °C (49.5 °F) - closed cup                                   |
| h) | Evaporation rate                                   | No data available   |
| i) | Flammability (solid, gas)                          | No data available   |
| j) | Upper/lower<br>flammability or<br>explosive limits | Upper explosion limit: 36 %(V)<br>Lower explosion limit: 6 %(V) |
| k) | Vapour pressure                                    | No data available   |
| I) | Vapour density                                     | No data available   |
| m) | Relative density                                   | 0.791 g/cm3 at 20 °C (68 °F)                                    |
| n) | Water solubility                                   | No data available   |
| o) | Partition coefficient: n-<br>octanol/water         | No data available   |
| p) | Auto-ignition<br>temperature                       | No data available   |
| q) | Decomposition<br>temperature                       | No data available   |
| r) | Viscosity  | No data available   |
| s) | Explosive properties                               | No data available   |
| t) | Oxidizing properties                               | No data available   |
|    | ner safety information<br>data available           |   |

# **10. STABILITY AND REACTIVITY**

#### 10.1 Reactivity

9.2

No data available

#### 10.2 Chemical stability

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions** Vapours may form explosive mixture with air.

### 10.4 Conditions to avoid

Heat, flames and sparks. Extremes of temperature and direct sunlight.

# 10.5 Incompatible materials

Acids, Oxidizing agents, Alkali metals, Strong oxidizing agents, Strong acids, Acid chlorides, Acid anhydrides, Reducing agents, Strong reducing agents, Phosphorus halides

## **10.6 Hazardous decomposition products**

Other decomposition products - No data available Hazardous decomposition products formed under fire conditions. - Carbon oxides In the event of fire: see section 5

# **11. TOXICOLOGICAL INFORMATION**

#### **11.1** Information on toxicological effects

#### Acute toxicity

No data available

Inhalation: No data available

Dermal: No data available

No data available

#### Skin corrosion/irritation No data available

#### Serious eye damage/eye irritation No data available

Respiratory or skin sensitisation No data available

# Germ cell mutagenicity

No data available

#### Carcinogenicity

- IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

#### **Reproductive toxicity**

No data available No data available

Specific target organ toxicity - single exposure No data available

Specific target organ toxicity - repeated exposure No data available

# Aspiration hazard

No data available

# **Additional Information**

**RTECS:** Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Methyl alcohol may be fatal or cause blindness if swallowed., Cannot be made non-poisonous., Effects due to ingestion may include:, Nausea, Headache, Vomiting, Gastrointestinal disturbance, Dizziness, Weakness, Confusion.

Central nervous system - Breathing difficulties - Based on Human Evidence Stomach - Irregularities - Based on Human Evidence

# **12. ECOLOGICAL INFORMATION**

12.1 Toxicity

No data available

- 12.2 Persistence and degradability No data available
- **12.3 Bioaccumulative potential** No data available
- **12.4 Mobility in soil** No data available
- **12.5 Results of PBT and vPvB assessment** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
- **12.6 Other adverse effects** No data available

# **13. DISPOSAL CONSIDERATIONS**

#### 13.1 Waste treatment methods

#### Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

#### Contaminated packaging

Dispose of as unused product.

# **14. TRANSPORT INFORMATION**

# DOT (US)

UN number: 1230 Class: 3 Proper shipping name: Methanol, solution Reportable Quantity (RQ): Packing group: II

Poison Inhalation Hazard: No

# IMDG

UN number: 1230 Class: 3 (6.1) Packing group: II EMS-No: F-E, S-D Proper shipping name: METHANOL, SOLUTION

#### ΙΑΤΑ

UN number: 1230 Class: 3 (6.1) Packing group: II Proper shipping name: Methanol, solution

# 15. REGULATORY INFORMATION

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

| Methanol  | CAS-No.<br>67-56-1 | Revision Date 2007-07-01    |
|---|--------------------|-----------------------------|
| <b>SARA 311/312 Hazards</b><br>Fire Hazard, Acute Health Hazard, Chronic Health Hazard  |                    |                             |
| Massachusetts Right To Know Components  |                    |                             |
| Methanol  | CAS-No.<br>67-56-1 | Revision Date 2007-07-01    |
| Pennsylvania Right To Know Components   |                    |                             |
| Methanol  | CAS-No.<br>67-56-1 | Revision Date 2007-07-01    |
| New Jersey Right To Know Components   |                    |                             |
| Methanol  | CAS-No.<br>67-56-1 | Revision Date 2007-07-01    |
| California Prop. 65 Components  |                    |                             |
| WARNING: This product contains a chemical known to the<br>State of California to cause birth defects or other reproductive<br>harm.<br>Methanol | CAS-No.<br>67-56-1 | Revision Date<br>2012-03-16 |

# **16. OTHER INFORMATION**

## Full text of H-Statements referred to under sections 2 and 3.

| Acute toxicity   |
|--|
| Flammable liquids                                      |
| Highly flammable liquid and vapour.                    |
| Toxic if swallowed.                                    |
| Toxic if swallowed, in contact with skin or if inhaled |
|  |
| Toxic in contact with skin.                            |
| Toxic if inhaled.                                      |
| Causes damage to organs.                               |
| Specific target organ toxicity - single exposure       |
|  |

#### **HMIS Rating**

| Health hazard:                       | 2      |
|--------------------------------------|--------|
| Chronic Health Hazard:               | *      |
| Flammability:                        | 3      |
| Physical Hazard                      | 0      |
|                                      |        |
| NFPA Rating                          |        |
| <b>NFPA Rating</b><br>Health hazard: | 2      |
| -                                    | 2<br>3 |

#### **Further information**

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