



**Productname :** 5-56  
**Ref.Nr.:** BDS000738\_3\_20170629 (EN)  
**Creationdate :** 29.06.17 Version : 3.0  
**Replaces:** BDS000738\_20140226

Classification based on calculation method.

**Environment:** Not classified

Classification based on calculation method.

**Other hazards :** Repeated exposure may cause skin dryness or cracking.

**Other hazards :** Not classified

## 2.2. Label elements

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

**Product identifier:** Contains:  
hydrocarbons

**Hazard pictogram(s):**



**Signal word:** Danger

**Hazard statement(s):** H304 : May be fatal if swallowed and enters airways.

**Precautionary statement(s):** P102 : Keep out of reach of children.

P301/310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 : Do NOT induce vomiting.

P405 : Store locked up.

P501-2 : Dispose of contents/container to an authorised waste collection point.

**Supplemental Hazard information:** Repeated exposure may cause skin dryness or cracking.

## 2.3. Other hazards

No information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

| Hazardous ingredient  | Registration number | CAS-nr.    | EC-nr       | w/w % | Hazard Class and Category   | Hazard statement | Notes |
|---|---------------------|------------|-------------|-------|-----------------------------|------------------|-------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 01-2119456620-43    | -          | (926-141-6) | 50-75 | Asp. Tox. 1                 | H304             | B,Q   |
| mineral oil (IP 346 DMSO extract < 3%)                                | -                   | -          | -           | 10-30 | -                           | -                | B     |
| sulfonic acids,petroleum,sodium salts                                 | 01-2119527859-22    | 68608-26-4 | 271-781-5   | 1-5   | Skin Irrit. 2, Eye Irrit. 2 | H315,H319        |       |

#### Explanation notes

B : substance with national established workplace exposure limit

Q : The CAS-no is only an indicative identifier to be used outside the EU for global inventory entries.



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(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                            |  |
|----------------------------|--|
| <b>Contact with eyes :</b> | If substance has got into eyes, immediately wash out with plenty of water for several minutes<br>Seek medical attention if irritation persists |
| <b>Contact with skin :</b> | Wash with water and soap.<br>Seek medical attention if irritation persists   |
| <b>Inhalation :</b>        | IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>Call a POISON CENTER or doctor/physician if you feel unwell.     |
| <b>Ingestion :</b>         | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.<br>Do NOT induce vomiting.   |

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

|                       |  |
|-----------------------|--|
| <b>Inhalation :</b>   | Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness   |
| <b>Ingestion :</b>    | After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.<br>Symptoms : sore throat, abdominal pain, nausea, vomiting |
| <b>Skin contact :</b> | Mildly irritating to skin<br>Symptoms : redness and pain   |
| <b>Eye contact :</b>  | Mildly irritating to eyes<br>Symptoms : redness and pain   |

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

|                         |   |
|-------------------------|---|
| <b>General Advice :</b> | If you feel unwell, seek medical advice (show the label where possible)<br>If symptoms persist always call a doctor |
|-------------------------|---|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

### 5.2. Special hazards arising from the substance or mixture

May form explosive vapour/air mixtures  
Forms hazardous decomposition products  
CO,CO<sub>2</sub>

### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes



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## SECTION 6: Accidental release measures

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

Shut off all ignition sources  
Ensure adequate ventilation  
Wear suitable protective clothing including eye/face protection.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/.../equipment.

### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses

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

Absorb spillage in suitable inert material

### 6.4. Reference to other sections

For further information see section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat and sources of ignition  
Take precautionary measures against static discharges  
Equipment should be earthed  
Use explosion-proof electrical/ventilating/lighting/.../equipment.  
Use only non-sparking tools.  
Do not breathe aerosols or vapours.  
Ensure adequate ventilation  
Avoid contact with skin and eyes.  
Wash thoroughly after use  
Wear protective gloves/protective clothing/eye protection/face protection.

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

Keep container tightly closed, in a cool, well ventilated place.  
Keep out of reach of children.

### 7.3. Specific end use(s)

Lubricants

## SECTION 8: Exposure controls/personal protection



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### 8.1. Control parameters

#### Exposure limits :

No information available

### 8.2. Exposure controls

|                                     |  |
|-------------------------------------|--|
| <b>Control procedures :</b>         | Ensure adequate ventilation<br>Keep away from heat and sources of ignition<br>Take precautionary measures against static discharges  |
| <b>Personal protection :</b>        | Take precautions to avoid contact with skin and eyes when handling the product.<br>It is good practice to wear gloves and to provide adequate ventilation whenever using the product.<br>In all cases handle and use the product in accordance with good industrial hygiene practices. |
| <b>inhalation :</b>                 | In case of insufficient ventilation, wear suitable respiratory equipment.  |
| recommended respiratory protection: | Air purifying respirator equipped with organic gas/vapor cartridge (type A)  |
| <b>hands and skin :</b>             | Wear suitable protective gloves against chemicals. Check the appropriateness of the recommended gloves for your own particular conditions of use and replace gloves regularly after check for signs of damage or defects.  |
| Recommended gloves:                 | Nitrile  |
| <b>eyes :</b>                       | Wear safety eyewear according to EN 166.   |

## SECTION 9: Physical and chemical properties

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

|   |                                  |
|---|----------------------------------|
| <b>Apperance : physical state :</b>     | Liquid.                          |
| <b>colour :</b>                         | Amber.                           |
| <b>odour :</b>                          | Salicylate.                      |
| <b>pH :</b>                             | Not applicable.                  |
| <b>Boiling point/range :</b>            | Not available.                   |
| <b>Flash point :</b>                    | 78 °C (Closed Cup)               |
| <b>Evaporation rate :</b>               | Not available.                   |
| <b>Explosion limits : upper limit :</b> | Not available.                   |
| <b>lower limit :</b>                    | Not available.                   |
| <b>Vapour pressure :</b>                | Not available.                   |
| <b>Relative density :</b>               | 0.82 g/cm <sup>3</sup> (@ 20°C). |
| <b>Solubility in water :</b>            | Emulsifies with water            |
| <b>Auto-ignition :</b>                  | > 200 °C                         |
| <b>Viscosity :</b>                      | 7.17 mPa.s (@ 20°C).             |

### 9.2. Other information

**VOC = volatile organic compounds** 577.6 g/l



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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### 10.4. Conditions to avoid

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

### 10.6. Hazardous decomposition products

CO,CO2

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|   |   |
|---|---|
| <b>acute toxicity:</b>                    | based on available data the classification criteria are not met |
| <b>skin corrosion/irritation:</b>         | based on available data the classification criteria are not met |
| <b>serious eye damage/irritation:</b>     | based on available data the classification criteria are not met |
| <b>respiratory or skin sensitisation:</b> | based on available data the classification criteria are not met |
| <b>germ cell mutagenicity:</b>            | based on available data the classification criteria are not met |
| <b>carcinogenicity:</b>                   | based on available data the classification criteria are not met |
| <b>toxicity for reproduction:</b>         | based on available data the classification criteria are not met |
| <b>STOT-single exposure:</b>              | based on available data the classification criteria are not met |
| <b>STOT repeated exposure:</b>            | based on available data the classification criteria are not met |
| <b>aspiration hazard:</b>                 | May be fatal if swallowed and enters airways.                   |

#### Information on likely routes of exposure:

|                     |   |
|---------------------|---|
| <b>Inhalation :</b> | Inhalation of solvent vapours may give rise to nausea, headaches and dizziness    |
| <b>Ingestion :</b>  | After vomiting of swallowed product aspiration into lungs is likely. Solvents may |



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induce chemical pneumonia.  
**Skin contact :** Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis  
**Eye contact :** May cause irritation.

**Toxicological data :**

| Hazardous ingredient  | CAS-nr. | method          |              |
|---|---------|-----------------|--------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics | -       | LD50 oral rat   | > 5000 mg/kg |
|   |         | LC50 inhal.rat  | >5000 mg/kg  |
|   |         | LD50 derm.rabit | > 5000 mg/kg |

**SECTION 12: Ecological information****12.1. Toxicity**

Not classified

**Ecotoxicological data:**

| Hazardous ingredient  | CAS-nr. | method       |           |
|---|---------|--------------|-----------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics | -       | IC50 algae   | 1000 mg/l |
|   |         | LC50 fish    | 1000 mg/l |
|   |         | EC50 daphnia | 1000 mg/l |

**12.2. Persistence and degradability**

No experimental data available

**12.3. Bioaccumulative potential**

No experimental data available

**12.4. Mobility in soil**

Insoluble in water

**12.5. Results of PBT and vPvB assessment**

No information available

**12.6. Other adverse effects**

No experimental data available

**SECTION 13: Disposal considerations**



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### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The Safety Data Sheet is compiled according to the current European requirements.  
Regulation (EC) No 1907/2006 (REACH)  
Regulation (EC) No 1272/2008 (CLP)

### 15.2. Chemical safety assessment

No information available

## SECTION 16: Other information

\*Explanation hazard statements: - : -

H304 : May be fatal if swallowed and enters airways.

H315 : Causes skin irritation.

H319 : Causes serious eye irritation.

REVISIONS IN CHAPTRE : 8.2. Exposure controls

acronyms and synonyms: TWA = time weight average

STEL = short time exposure limit

VOC = volatile organic compounds

PBT = persistant bioaccumulative toxic

vPvB = very persitant very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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