

# Safety Data Sheet

MCS080

Replaces date: 28/08/2023

Revision date: 21/02/2025

Version: 2.4.0

## SECTION 1: Identification

### 1.1. GHS Product identifier

Trade name: MCS080

### 1.2. Recommended use of the chemical and restrictions on use

Recommended uses: Lubricant.

### 1.3. Supplier's details

#### Supplier

Company: Mouldpro ApS  
Address: Baltorpbakken 10  
Zip code: 2750  
City: Ballerup  
Country: DENMARK  
Email: sales@mouldpro.com  
Phone: +45 70 20 31 31  
Homepage: www.mouldpro.com

### 1.4. Emergency phone Number

+ 45 70 20 31 31 (Mouldpro) The emergency telephone is open between 8 a.m. and 4 p.m. on workdays.

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

GHS classification: Hazardous to the aquatic environment, short-term (Acute), Category 1;H400  
Hazardous to the aquatic environment, long-term (Chronic), Category 2;H411

Most serious harmful effects: Very toxic to aquatic life with long lasting effects. May cause slight irritation to the skin and eyes.

### 2.2. GHS label elements, including precautionary statements

#### Pictograms



Signal word: Warning

#### Hazard Statements

H410 Very toxic to aquatic life with long lasting effects.

#### Precautionary statements

P273 Avoid release to the environment.  
P391 Collect spillage.  
P501 Dispose of contents/container in accordance with local regulation.

### 2.3. Other hazards which do not result in classification

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None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Substance  | CAS No     | Concentration | Notes |
|--|------------|---------------|-------|
| Distillates (petroleum), hydrotreated heavy paraffinic | 64742-54-7 | 30 - 60 %     |       |
| Copper   | 7440-50-8  | 5 -< 10 %     |       |
| diphenylamine  | 122-39-4   | < 1 %         |       |

**Ingredient comments:** The mineral oils in the product contain <3% DMSO extract(IP 346).

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

**Inhalation:** Seek fresh air. Seek medical advice in case of persistent discomfort.

**Ingestion:** Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

**Skin contact:** Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

**Eye contact:** Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

**General:** Bring the safety data sheet or label when seeking medical advice.

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

May cause slight irritation to the skin and eyes.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptoms. No special immediate treatment required.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

**Suitable extinguishing media:** The product is not directly flammable. Choose extinguishing agents based on the surrounding fire. Use water or water mist to cool non-ignited stock.

**Unsuitable extinguishing media:** Do not use a jet of water, as it may spread the fire.

### 5.2. Specific hazards arising from the chemical

Can generate harmful flue gases containing carbon monoxide in the event of fire.

### 5.3. Special protective actions for fire-fighters

If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn. Send contaminated extinguishing water for destruction.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel:** Stay upwind/keep distance from source. Stop leak if this can be done without risk. Provide good ventilation. Wear safety goggles if there is a risk of eye splash. Wear gloves.

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**For emergency responders:** In addition to the above: Normal protective clothing is recommended.

## 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

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

Contain and absorb spills using sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

## 6.4. Reference to other sections

See section 8 for type of protective equipment.  
See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

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

Store safely, out of reach of children and away from food, animal feeding stuffs, drugs, etc. Store in a dry, cool, well-ventilated area. Keep in tightly closed original packaging.

### 7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limit:** There are no official GHS occupational exposure limits. Be aware of possible national occupational exposure limits.

**Measuring methods:** Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash.

**Personal protective equipment, hand protection:** Wear gloves. Type of material: Nitrile rubber. Breakthrough time has not been determined for the product. Change gloves often. The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

**Personal protective equipment, respiratory protection:** Not required.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

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

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| Parameter      | Value/unit                         |
|----------------|------------------------------------|
| Physical state | Paste                              |
| Color          | Yellowish                          |
| Odour          | Characteristic                     |
| Solubility     | Insoluble in the following: Water. |

| Parameter  | Value/unit | Remarks             |
|--|------------|---------------------|
| Odour threshold  | No data    |                     |
| Melting point  | No data    |                     |
| Freezing point   | No data    |                     |
| Boiling point or initial boiling point and boiling range | No data    |                     |
| Flammability   | No data    |                     |
| Lower and upper flammability limit                       | No data    |                     |
| Lower and upper explosion limit                          | No data    |                     |
| Flash Point  | > 200 °C   | Cleveland open cup. |
| Auto-ignition temperature                                | No data    |                     |
| Decomposition temperature                                | No data    |                     |
| pH (solution for use)                                    | No data    |                     |
| pH (concentrate)   | No data    |                     |
| Kinematic viscosity                                      | No data    |                     |
| Viscosity  | No data    |                     |
| Partition coefficient n-octanol/water (log value)        | No data    |                     |
| Vapour pressure  | No data    |                     |
| Density  | No data    |                     |
| Relative density   | ~ 1.13     | (20 °C)             |
| Relative vapour density                                  | No data    |                     |
| Relative density (sat. air)                              | No data    |                     |
| Particle characteristics                                 | No data    |                     |

## 9.2. Other information

Other Information: None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No known data.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

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## 10.6. Hazardous decomposition products

Can generate harmful flue gases containing carbon monoxide in the event of fire.

## SECTION 11: Toxicological information

### 11.1. Information on health hazard classes

#### Acute toxicity - oral

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| Organism | Test Type | Exposure time | Value         | Conclusion | Test method | Source |
|----------|-----------|---------------|---------------|------------|-------------|--------|
|          | ATE       |               | 5024.13 mg/kg |            |             |        |

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

**Acute toxicity - dermal:** The product does not have to be classified. Test data are not available.

#### Acute toxicity - inhalation

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| Organism | Test Type       | Exposure time | Value     | Conclusion | Test method | Source |
|----------|-----------------|---------------|-----------|------------|-------------|--------|
|          | ATE (dust/mist) |               | 5.03 mg/l |            |             |        |

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

**Skin corrosion/irritation:** May cause slight irritation. The product does not have to be classified. Test data are not available.

**Serious eye damage/eye irritation:** Temporary irritation. The product does not have to be classified. Test data are not available.

**Respiratory sensitization or skin sensitization:** The product does not have to be classified. Test data are not available.

**Germ cell mutagenicity:** The product does not have to be classified. Test data are not available.

**Carcinogenic properties:** The product does not have to be classified. Test data are not available.

**Reproductive toxicity:** The product does not have to be classified. Test data are not available.

**Single STOT exposure:** The product does not have to be classified. Test data are not available.

**Repeated STOT exposure:** The product does not have to be classified. Test data are not available.

**Aspiration hazard:** The product does not have to be classified. Test data are not available.

### 11.2. Information on other hazards

**Endocrine disrupting properties:** None known.

**Other toxicological effects:** None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

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Test data are not available.

## 12.3. Bioaccumulative potential

Test data are not available.

## 12.4. Mobility in soil

Test data are not available.

## 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

## 12.6. Endocrine disrupting properties

None known.

## 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## SECTION 14: Transport information

### Land transport (ADR/RID)

|                                   |   |                                     |   |
|-----------------------------------|---|-------------------------------------|---|
| 14.1. UN number:                  | 3077  | 14.4. Packing group, if applicable: | III   |
| 14.2. UN proper shipping name:    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Copper) (diphenylamine) | 14.5. Environmental hazards:        | The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l. |
| 14.3. Transport hazard class(es): | 9   |                                     |   |
| Hazard label(s):                  | 9   |                                     |   |
| Hazard identification number:     | 90  | Tunnel restriction code:            | -   |

### Inland water ways transport (ADN)

|                                   |   |                                     |   |
|-----------------------------------|---|-------------------------------------|---|
| 14.1. UN number:                  | 3077  | 14.4. Packing group, if applicable: | III   |
| 14.2. UN proper shipping name:    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Copper) (diphenylamine) | 14.5. Environmental hazards:        | The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l. |
| 14.3. Transport hazard class(es): | 9   |                                     |   |
| Hazard label(s):                  | 9   |                                     |   |
| Transport in tank vessels:        |   |                                     |   |

### Sea transport (IMDG)

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|  |   |   |   |
|--|---|---|---|
| <b>14.1. UN number:</b>                  | 3077  | <b>14.4. Packing group, if applicable:</b>        | III   |
| <b>14.2. UN proper shipping name:</b>    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Copper) (diphenylamine) | <b>14.5. Environmental hazards:</b>               | The product must be labelled as a Marine Pollutant (MP) in packaging sizes of more than 5 kg/l. |
| <b>14.3. Transport hazard class(es):</b> | 9   | <b>Environmental Hazardous Substance Name(s):</b> |   |
| <b>Hazard label(s):</b>                  | 9   |   |   |
| <b>EmS:</b>                              | F-A, S-F  | <b>IMDG Code segregation group:</b>               | - None -  |

## Air transport (ICAO-TI / IATA-DGR)

|  |   |  |   |
|--|---|--|---|
| <b>14.1. UN number:</b>                  | 3077  | <b>14.4. Packing group, if applicable:</b> | III   |
| <b>14.2. UN proper shipping name:</b>    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Copper) (diphenylamine) | <b>14.5. Environmental hazards:</b>        | The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l. |
| <b>14.3. Transport hazard class(es):</b> | 9   |  |   |
| <b>Hazard label(s):</b>                  | 9   |  |   |

## 14.6. Special precautions for user

None.

## 14.7. Transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

**Special Provisions:** None.

### 15.2. Chemical Safety Assessment

**Other Information:** Chemical safety assessment has not been performed.

## SECTION 16: Other information

### Version history and indication of changes

| Version | Revision date | Responsible | Changes |
|---------|---------------|-------------|---------|
| 2.4.0   | 21/02/2025    | DOL         | 13,16   |

**Abbreviations:**  
PBT: Persistent, Bioaccumulative and Toxic  
STOT: Specific Target Organ Toxicity  
vPvB: Very Persistent and Very Bioaccumulative

**Other Information:** This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with GHS Rev. 10 (2023).

**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

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**Classification method:** Calculation based on the hazards of the known components.

## SDS is prepared by

Company: Bureau Veritas Solutions Denmark A/S  
Address: Oldenborggade 25-31  
Zip code: 7000  
City: Fredericia  
Country: DENMARK  
Email: solutions-dk@bureauveritas.com  
Phone: +45 77 31 10 00  
Homepage: www.bureauveritas.dk

**Country:** UN