

Safety Data Sheet

MCP080

Replaces date: 28/08/2023

Revision date: 21/02/2025
Version: 1.3.0

SECTION 1: Identification

1.1. GHS Product identifier

Trade name: MCP080

1.2. Recommended use of the chemical and restrictions on use

Recommended uses: Surface treatment.

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: The product shall not be classified as hazardous according to the classification and labeling rules for substances and mixtures..

Most serious harmful effects: May cause slight irritation to the skin and eyes. The product releases organic solvent vapors which may cause drowsiness and dizziness. At high concentrations, the vapors may cause headache and intoxication. Prolonged or repeated inhalation of vapors may cause damage to the central nervous system.

2.2. GHS label elements, including precautionary statements

The product shall not be classified as hazardous according to the classification and labeling rules for substances and mixtures..

2.3. Other hazards which do not result in classification

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	Concentration	Notes
Aluminium oxide	1344-28-1	25 - 50 %	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics		10 - 25 %	4
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics		10 - 25 %	4

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Castor oil, sulfated, sodium salt.	68187-76-8	1 - 10 %	
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4 = H304 is not applicable due to the high viscosity of the product.

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.
Burns:	Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
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. Prolonged or repeated inhalation of vapors may cause damage to the central nervous system. The product releases organic solvent vapors which may cause drowsiness and dizziness. At high concentrations, the vapors may cause headache and intoxication.

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:	Extinguish with powder, foam or water mist. 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.

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

6.2. Environmental precautions

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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

Work under effective process ventilation (e.g. local exhaust ventilation). 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

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. 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: Contains no substances subject to reporting requirements.

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 and thickness: Nitrile rubber. ($\geq 0,5$ mm) Breakthrough time has not been determined for the product. Change gloves often.

Personal protective equipment, respiratory protection: Light use (small volume, short term contact (below 10 min.)): Not required.
Medium use (medium volume, medium contact (1-2 hours)): Wear respiratory protective equipment. Filter type: A.

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

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

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Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	100 °C	
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	65 °C	
Auto-ignition temperature		Not spontaneously flammable
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	9.5	(20 °C)
Kinematic viscosity	> 21 mm ² /s	(40 °C)
Viscosity	No data	
Partition coefficient n-octanol/water (log value)	No data	
Vapour pressure	No data	
Density	1,26 g/cm ³	
Relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Non-explosive

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.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

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11.1. Information on health hazard classes

Acute toxicity - oral

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics, EC-no 926-141-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg			

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics, EC-no 919-164-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg			

Castor oil, sulfated, sodium salt., cas-no 68187-76-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 15600 mg/kg			

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

Acute toxicity - dermal

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics, EC-no 926-141-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 5000 mg/kg			

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics, EC-no 919-164-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 5000 mg/kg			

Castor oil, sulfated, sodium salt., cas-no 68187-76-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000 mg/kg			

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

Acute toxicity - inhalation

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics, EC-no 926-141-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4 h	> 5000 mg/kg			

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics, EC-no 919-164-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4 h	4951 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: The product does not have to be classified. Test data are not available. May cause slight irritation.

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

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. Irritates mucous membranes in mouth and gastrointestinal tract. The product releases organic solvent

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vapors which may cause drowsiness and dizziness. At high concentrations, the vapors may cause headache and intoxication.

Repeated STOT exposure: The product does not have to be classified. Test data are not available. Prolonged or repeated inhalation of vapors may cause damage to the central nervous system.

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

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics, EC-no 919-164-8

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss	96 h	LC50	> 1000 mg/l			
Crustacea	Daphnia sp.		EC50	> 1000 mg/l			

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

12.2. Persistence and degradability

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

No assessment has been made.

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

14.1. UN number: Not applicable. **14.4. Packing group, if applicable:** Not applicable.

14.2. UN proper shipping name: Not applicable. **14.5. Environmental hazards:** Not applicable.

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14.3. Transport hazard class(es): Not applicable.

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
1.3.0	21/02/2025	DOL	2,13,16

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.

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

SDS is prepared by

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