

Safety Data Sheet

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Issued: 11/30/2022
Version: 1.0.0

SECTION 1: Identification

1.1. GHS Product identifier

Trade name: 77

1.2. Recommended use of the chemical and restrictions on use

Recommended uses: Sealing agent.

1.3. Supplier's details

Supplier

Company: Mouldpro ApS
Address: Baltorpbakken 10
Zip code: 2750
City: Ballerup
Country: DENMARK
E-mail: 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: Eye irritation, Category 2/2A;H319 Specific target organ toxicity - single exposure, Category 3;H335

Most serious harmful effects: Causes serious eye irritation. May cause respiratory irritation.

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2.2. GHS label elements, including precautionary statements

Pictograms



Signal word: Warning

Hazard Statements

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P261 Avoid breathing vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local regulation.

2.3. Other hazards which do not result in classification

Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes
α,α -dimethylbenzyl hydroperoxide	80-15-9 201-254-7 01-2119475796-19	0.5 - 2.5 %	
mequinol	150-76-5 205-769-8 01-2119541813-40	0.1 - 1 %	
N,N-dimethyl-p-toluidine	99-97-8 202-805-4 01-2119937766-23	0.1 - 1 %	
2,2'-[(4-methylphenyl)imino]bisethanol	3077-12-1 221-359-1	0.1 - 1 %	
1-Acetyl-2-Phenylhydrazine	114-83-0	0.1 - 1 %	

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. Seek medical advice in case of persistent discomfort. Wash skin with soap and water.

Eye contact: Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.

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4.2. Most important symptoms/effects, acute and delayed

Irritating to eyes. Causes a burning sensation and tearing. Inhalation of vapors is irritating to the upper airways.

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

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

5.3. Special protective actions for fire-fighters

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. 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. Wear respiratory protective equipment. Wear safety goggles. Wear gloves.

For emergency responders: In addition to the above: Protective suit 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 must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Use the product under well-ventilated conditions.

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. Keep in tightly closed original packaging. Store in a dry, cool, well-ventilated area. Do not store with the following: Oxidizers.

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7.3. Specific end use(s)

None.

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.

8.2. Exposure controls

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

Personal protective equipment, eye/face protection: Wear safety goggles.

Personal protective equipment, hand protection: Wear gloves. Type of material and thickness: Nitrile rubber. $\geq 0,4$ mm 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: Light use (small volume, shortterm 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	Liquid
Color	Red
Odour	Characteristic
Solubility	No data

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	> 93 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	6000 - 8000 cP	
Partition coefficient n-octanol/water (log value)	No data	
Vapour pressure	No data	

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Density	No data	
Relative density	1.1	
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

Reacts with the following: Oxidizers.

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

Avoid contact with the following: Oxidizers.

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

SECTION 11: Toxicological information

11.1. Information on health hazard classes

Acute toxicity - oral

2,2'-[(4-methylphenyl)imino]bisethanol, cas-no 3077-12-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		959 mg/kg bw		OECD 401	

mequinol, cas-no 150-76-5

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

N,N-dimethyl-p-toluidine, cas-no 99-97-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		1650 mg/kg		OECD 401	
Mouse	LD50		139 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

2,2'-[(4-methylphenyl)imino]bisethanol, cas-no 3077-12-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000		OECD 402	

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mequinol, cas-no 150-76-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000 mg/kg bw		OECD 423	

N,N-dimethyl-p-toluidine, cas-no 99-97-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 2000 mg/kg bw		OECD 402	

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

α,α -dimethylbenzyl hydroperoxide, cas-no 80-15-9

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50		220 ppm			

N,N-dimethyl-p-toluidine, cas-no 99-97-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat			1.4 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.

Serious eye damage/eye irritation: Irritating to eyes. Causes a burning sensation and tearing.

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: Inhalation of vapors is irritating to the upper airways.

Repeated STOT exposure

2,2'-[(4-methylphenyl)imino]bisethanol, cas-no 3077-12-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	90dNOAEL		100 mg/kg bw		OECD 407	

mequinol, cas-no 150-76-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LOAEL (oral)	90d	300 mg/kg bw		OECD 422	
Rat	NOAEL	90d	150 mg/kg bw		OECD 422	

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

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

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12.1. Toxicity

α,α -dimethylbenzyl hydroperoxide, cas-no 80-15-9

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss		LC50	3.9 mg/l			
Crustacea	Daphnia magna		EC50	18.84 mg/l			

2,2'-(4-methylphenyl)imino]bisethanol, cas-no 3077-12-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Cyprinus carpio		LC50	> 100 mg/l			
Crustacea	Daphnia magna		48hEC50	48 mg/l			
Algae	Pseudokirchneriella subcapitata		72hEC50	> 100 mg/l			

mequinol, cas-no 150-76-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss		LC50	28.5 mg/l			
Crustacea	Daphnia magna		EC50	3 mg/l			
Algae	Pseudokirchneriella subcapitata		72hEC50	19 - 54.7 mg/l			
Crustacea	Daphnia magna		21dLOEC	> 1.45 mg/l			
Crustacea	Daphnia magna		21dNOEC	0.68 mg/l			

N,N-dimethyl-p-toluidine, cas-no 99-97-8

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Pimephales promelas		LC50	46 mg/l			
Algae	Pseudokirchneriella subcapitata		72hEC50	2437002 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

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None known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Avoid discharge to drain or surface water.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Empty, cleansed packaging should be disposed of for recycling.

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.
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
1.0.0	11/30/2022	Bureau Veritas HSE / DOL	-

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. 7 (2017).

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.

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