

Safety Data Sheet

RP10

Replaces date: 1/25/2022

Revision date: 12/1/2022

Version: 2.2.0

SECTION 1: Identification

1.1. GHS Product identifier

Trade name: RP10

1.2. Recommended use of the chemical and restrictions on use

Recommended uses: Cleaner

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: Skin corrosion, Category 1;H314 Serious eye damage, Category 1;H318 Hazardous to the aquatic environment, long-term (Chronic), Category 3;H412

Most serious harmful effects: Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.

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2.2. GHS label elements, including precautionary statements

Pictograms



Signal word: Danger

Contains

Substance: sulphamidic acid;

Hazard Statements

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/eye protection/face protection.

P303+361+353+310 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Immediately call a POISON CENTER/doctor.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local regulation.

2.3. Other hazards which do not result in classification

None known.

Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes
sulphamidic acid	5329-14-6 226-218-8 01-2119488633-28	80 -< 100 %	

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

Inhalation: Seek fresh air, wash out mouth with water and blow nose thoroughly. Seek medical advice in case of persistent discomfort.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. Call for medical attention/ambulance.

Skin contact: Immediately remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time. Immediately call a POISON CENTER or doctor/physician.

Eye contact: Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. 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

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Ingestion may cause caustic burning in mouth, esophagus and stomach. Pains in mouth, throat and stomach. Difficulty swallowing, feeling unwell and vomiting of blood. Brown spots and burns may appear in and around the mouth. Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight. Has a caustic burning effect and causes burning pain, reddening, blistering and burning sores if it comes in contact with skin.

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

Treat symptoms. Ensure that medical personnel are aware of the material involved, and take precautions to protect themselves.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide 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

The product decomposes when combusted and the following toxic gases can be formed: Sulphur oxides/ Nitrous gases.

5.3. Special protective actions for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapor and smoke gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Extinguishing water which has been in contact with the product may be corrosive.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stay upwind/keep distance from source. Wear gloves. Wear respiratory protective equipment. Wear safety goggles/face protection.

For emergency responders: In addition to the above: Chemical 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

Sweep up/collect spills for possible reuse or transfer to suitable waste containers. Wipe up minor spills with a damp cloth. Caution! Causes burns.

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 processes where generation of dust may occur must be performed under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment must 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

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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. Avoid direct sunlight. Do not store with the following: Chlorine-containing compounds/ nitric acid/ sodium nitrite/ sodium nitrate

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/face protection.

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: Light use (small volume, shortterm contact (below 10 min.)): Not required.
Medium use (medium volume, medium contact (1-2 hours)): Filter type: P.

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	Powder
Color	Red
Odour	Odourless
Solubility	Soluble in the following: Water. 150 g/L (25°C)

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	205 °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	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	1.2	10 g/l 25 °C
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	

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Partition coefficient n-octanol/water (log value)	No data	
Vapour pressure	No data	
Density	1,6 kg/l	
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
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Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Chlorine-containing compounds/ nitric acid/ sodium nitrite/ sodium nitrate

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

Avoid direct sunlight.

10.5. Incompatible materials

Chlorine-containing compounds/ nitric acid/ sodium nitrite/ sodium nitrate

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Sulphur oxides/ Nitrous gases.

SECTION 11: Toxicological information

11.1. Information on health hazard classes

Acute toxicity - oral

sulphamidic acid, cas-no 5329-14-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		2065 - 2140 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: The product does not have to be classified. Test data are not available.

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

Skin corrosion/irritation: Has a caustic burning effect and causes burning pain, reddening, blistering and burning sores if it comes in contact with skin.

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Serious eye damage/eye irritation:	Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.
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. Inhalation of dust may cause irritation to the upper airways.
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:	Ingestion may cause caustic burning in mouth, esophagus and stomach. Pains in mouth, throat and stomach. Difficulty swallowing, feeling unwell and vomiting of blood. Brown spots and burns may appear in and around the mouth.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

sulphamidic acid, cas-no 5329-14-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Solubility in water	> 10000 mg/l			

The product contains at least one substance that is water soluble. May spread in the environment.

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

The product affects the pH value of the local aquatic environment.

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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

Land transport (ADR/RID)

14.1. UN number:	2967	14.4. Packing group, if applicable:	III
14.2. UN proper shipping name:	SULPHAMIC ACID	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	8		
Hazard label(s):	8		
Hazard identification number:	80	Tunnel restriction code:	E

Inland water ways transport (ADN)

14.1. UN number:	2967	14.4. Packing group, if applicable:	III
14.2. UN proper shipping name:	SULPHAMIC ACID	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	8		
Hazard label(s):	8		
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN number:	2967	14.4. Packing group, if applicable:	III
14.2. UN proper shipping name:	SULPHAMIC ACID	14.5. Environmental hazards:	The product is not a Marine Pollutant (MP).
14.3. Transport hazard class(es):	8	Environmental Hazardous Substance Name(s):	
Hazard label(s):	8		
EmS:	F-A, S-B	IMDG Code segregation group:	Segr. grp. 1 - Acids (SGG1 or SGG1a)

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number:	2967	14.4. Packing group, if applicable:	III
14.2. UN proper shipping name:	SULPHAMIC ACID	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	8		
Hazard label(s):	8		

14.6. Special precautions for user

None.

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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
2.2.0	12/1/2022	Bureau veritas HSE / DOL	1,2,16

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. 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. Extreme pH value (≤ 2 or ≥ 11.5).

SDS is prepared by

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