

* Petrosol Pulver

Date revised: 12.02.2024

8760030901

Version: 6 / GB

Master No. MA-200

Print date: 17.04.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

Petrosol Pulver

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cleaning material/ Detergent

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

BÜFA Cleaning GmbH & Co. KG

August-Hanken-Str. 30

26125 Oldenburg

Telephone no. +49 441 9317 0

Fax no. +49 441 9317 100

Information provided Department product safety / +49 441 9317 108

by / telephone

E-Mail sds-cleaning@buefa.de

1.4. Emergency telephone number

Poison Information Center Goettingen: +49 551 19240

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Aquatic Chronic 3 H412

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*
*

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008**Hazard pictograms *******Signal word**

Warning

Hazard statements ***

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

P273	Avoid release to the environment.
P280.2	Wear protective gloves/ eye/ face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients *******sulphamic acid**

CAS No.	5329-14-6	
EINECS no.	226-218-8	
Registration no.	01-2119488633-28-XXXX	
Concentration	>= 50	%
Skin Irrit. 2	H315	
Eye Irrit. 2	H319	
Aquatic Chronic 3	H412	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. Summon a doctor immediately.

After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

There is no further relevant information available

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

There is no further relevant information available

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Dry powder, Water spray jet, Foam

Non suitable extinguishing media

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Full water jet

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Fire residues must be disposed of in a proper manner.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Use breathing apparatus if exposed to vapours/dust/aerosol. Use personal protective clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid dust formation. Provide exhaust ventilation if dust is formed.

7.2. Conditions for safe storage, including any incompatibilities

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed, cool and dry.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values**

List

There is not known any national exposure limit.

8.2. Exposure controls**General protective and hygiene measures**

Observe the usual precautions for handling chemicals. The following information on personal protective equipment (PPE) is to be understood as a suggestion. The selection of the necessary PPE must be considered by the employer depending on the activities to be carried out and the local conditions. If it is determined during the on-site risk assessment that there is no danger to the employee, there is no need to wear PPE or the scope of the PPE to be used can be adjusted accordingly.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Short term: filter apparatus, Filter P3

Hand protection

Chemical resistant gloves

Appropriate Material nitrile

Material thickness > 0,35 mm

Breakthrough time > 480 min

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leaktightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these

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gloves.

Eye protection

Tightly fitting safety glasses

Body protection

Impermeable protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Powder		
Colour	white		
Odour	Product specific		
Melting point			
Remarks	not determined		
Explosion limits			
Remarks	irrelevant (solid)		
Flash point			
Value	>	100	°C
Ignition temperature			
Remarks	irrelevant (solid)		
Thermal decomposition			
Remarks	Not relevant		
pH value			
Value	appr.	1,5	
Concentration/H ₂ O	1		%
Solubility in other solvents	not determined		
Octanol/water partition coefficient (log Pow)			
Remarks	not determined		
Vapour pressure			
Remarks	not determined		
Vapour density			
Remarks	irrelevant (solid)		
Particle characteristics			
Remarks	not determined		
9.2. Other information			
Odour threshold			
Remarks	No data available		
Solubility in water			
Remarks	soluble		
Bulk density			
Bulk density	appr.	1300	kg/m ³

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

The product is stable.

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10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Protect against wetness.

Thermal decomposition

Remarks Not relevant

10.5. Incompatible materials

No hazardous reactions when stored and handled according to prescribed instructions.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

Based on available data, the classification criteria are not met.

Acute oral toxicity (Components)

No toxicological data are available.

Acute dermal toxicity

Based on available data, the classification criteria are not met.

Acute dermal toxicity (Components)

No toxicological data are available.

Acute inhalational toxicity

Based on available data, the classification criteria are not met.

Acute inhalative toxicity (Components)

No toxicological data are available.

Skin corrosion/irritation

evaluation irritant
The classification criteria are met.

Serious eye damage/irritation

evaluation irritant
The classification criteria are met.

Sensitization

Based on available data, the classification criteria are not met.

Sensitization (Components)

Based on available data, the classification criteria are not met.

Mutagenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)**Single exposure**

Based on available data, the classification criteria are not met.

Repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

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Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans

This substance does not have endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity

sulphamidic acid

Reference substance	sulphamidic acid		
Species	Fathead minnow (<i>Pimephales promelas</i>)		
LC50	70,3		mg/l
Duration of exposure	96	h	
Source	Literature value		

Daphnia toxicity

sulphamidic acid

Reference substance	sulphamidic acid		
Species	Daphnia magna		
EC50	71,6		mg/l
Duration of exposure	48	h	

Algae toxicity

sulphamidic acid

Reference substance	sulphamidic acid		
Species	Desmodesmus subspicatus		
ErC50	48		mg/l
Duration of exposure	72	h	

Bacteria toxicity

For this subsection there is no ecotoxicological data available on the product as such.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

Octanol/water partition coefficient (log Pow)

Remarks not determined

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.

SECTION 13: Disposal considerations

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13.1. Waste treatment methods



Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee
14.1. UN number	2967	2967
14.2. UN proper shipping name	SULPHAMIC ACID	SULPHAMIC ACID
14.3. Transport hazard class(es)	8	8
14.4. Packing group	III	III
Label		
14.5. Environmental hazards	-	
Limited Quantity	5 kg	5 kg
Transport category	3	
Tunnel restriction code	E	
Hazard id. no.	80	
EmS		F-A, S-B

Information for all modes of transport

14.6. Special precautions for user

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information ***

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

Ingredients (Regulation (EC) No 648/2004)

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VOC ***

VOC (EU) 0 %

Other information ***

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Aquatic Chronic 3	H412	Calculation method

Hazard statements listed in Chapter 2/3

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Irrit. 2	Eye irritation, Category 2
Skin Irrit. 2	Skin irritation, Category 2

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: Very persistent and very bioaccumulative
 IMDG: International Maritime Code for Dangerous Goods
 CAS: Chemical Abstracts Service
 EINECS: European Inventory of Existing Commercial Chemical Substances
 EAK: Europäischer Abfallkatalog
 VOC: Volatile Organic Compound
 GefStoffV: Gefahrstoffverordnung
 TA Luft: Technische Anleitung zur Reinhaltung der Luft
 INCI: International Nomenclature of Cosmetic Ingredients
 n.a.g.: nicht anders genannt
 MAK: Maximale Arbeitsplatz-Konzentration
 AGW: Arbeitsplatzgrenzwert
 BGW: Biologischer Grenzwert
 TRGS: Technische Regeln für Gefahrstoffe
 OEL: Occupational exposure limit
 SUVA: Schweizerische Unfallversicherungsanstalt
 WEL: Workplace exposure limit
 MAC: Maximale aanvaarde concentratie (Netherlands)
 MEL: Maximum exposure limits
 NOEL: No observable effect level
 NOEC: No observable effect concentration
 LD: Lethal dose
 LC: Lethal concentration
 LLC: Lowest lethal concentration
 SVHC: Substances of very high concern
 DNEL: Derived no effect level
 DMEL: Derived minimal effect level
 PNEC: Predicted no effect concentration
 PEC: Predicted environmental concentration
 WHO: World Health Organization

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GHS: Globally Harmonized System of classification and Labelling of Chemicals

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

UN: United Nations

EG: Europäische Gemeinschaft

EWG: Europäische Wirtschaftsgemeinschaft

EU: European Union

GGVSee: Gefahrgutverordnung See

RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses

HSNO: Hazardous Substances and New Organisms Act (New Zealand)

ATE: Acute Toxicity Estimate

STOT: Specific Target Organ Toxicity

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.