

Perform Acid Powder

Date of issue 2017-02-13

Version 3

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

1.1 Product identifier	Perform Acid Powder
1.2 Relevant identified uses of the substance or mixture and uses advised against	Cleaning of extremely dirty natural stone / terrazzo surfaces and removal of joints residues.
1.3 Details of the supplier of the safety data sheet	Ajour Trading Sweden AB Ekelidsvägen 7 SE-457 40 Fjällbacka Sweden +46 (0)31 870540 www.ajourtrading.com/info@ajourtrading.com +46 (0)8-331231 Poison information. In less acute cases during office hours +46(0)10-4566700
Telephone	
Homepage/E-mail	
Emergency telephone	

SECTION 2: Hazards identification

2.1 Classification:

Classification CLP (1272/2008/EC)

Skin irritation - Category 2; H315

Serious eye irritation - Category 2; H319

Long-Term Aquatic Hazard - Chronic 3; H412

2.2 Label elements:

Pictogram



Signal Word: Warning

Containing substances

Sulphamic acid

Hazard statement Code(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P280 Wear protective gloves/eye 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.

P501 Dispose of contents/container to an authorized waste treatment plant.

2.3 Other hazards

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

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SECTION 3: Composition/information on ingredients
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3.1 Chemical composition: Substance

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Sulphamic acid	5329-14-6 226-218-8 01-2119488633-28-xxxx	100	Eye Irrit. 2 Skin Irrit. 2 Aquatic Chronic 3	H319 H315 H412

*The full text of Hazard statement Codes are listed under heading 16.

The classification is based on information from the chemical supplier and www.echa.europa.eu (Databases)

SECTION 4: First aid measures

4.1 Description of first aid measures:

General Information

In all cases of doubt, or when symptoms persist, seek medical advice. Keep person warm and calm.

Never give fluids or induce vomiting if patient is unconscious.

Inhalation

Fresh air. Contact a doctor if the complaints persist.

Skin contact

Immediately, take off all contaminated clothing wash with soap and water and rinse the skin thoroughly. Contact a doctor if the complaints persist.

Eye contact

Rinse with water for at least 10 minutes. Hold eyelids apart. Contact a doctor if the complaints persist.

Ingestion

Rinse mouth with water and drink several glasses of water. Seek medical treatment.

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

Inhalation: Irritating to the upper respiratory tract. Coughing, chest tightness, a feeling of chest pressure.

Skin contact: Irritating to skin. (Redness, pain)

Eye contact: Irritating to eyes. (Pain, redness)

Ingestion: Ingestion may cause nausea.

4.3 Indication of any immediate medical attention and special treatment needed

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray, fog or mist, foam, powder or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Do not breathe fumes. During fire, gases hazardous to health may be formed.

Ammonia or amines. Carbon, Nitrogen and Sulfur Oxides.

5.3 Special protective equipment

Appropriate breathing apparatus may be required.

Additional information

Cool endangered containers with water in case of fire.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not breathe dust/vapour.

Avoid contact with skin and eyes.

Ensure adequate ventilation.

6.2 Environmental precautions

Do not flush larger amounts into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Collect spill with shovel or broom. Flush the area with water.

6.4 Reference to other sections

For handling and storage, see section 7.

For personal protection, see section 8.

For disposal of spillage, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Eyewash station should be provided.

Avoid skin and eye contact.

Ensure adequate ventilation. Avoid inhalation of dust and vapor.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container.

Store in a cool, dry area.

7.3 Specific end use(s)

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Appropriate engineering controls

Provide adequate ventilation.

Eyewash station should be provided.

Exposure limits

Swedish limit values or limit values according to the European commission:

None established.

8.2 Exposure controls:

General protective and hygiene measures

Wash hands before breaks and after work. Avoid inhalation of dust and vapor.

Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice.

Individual protection measures, such as personal protective equipment:

Always consult a competent person/supplier when selecting personal protective equipment.

Respiratory protection

Wear suitable respiratory protection if ventilation is insufficient.

Hand protection

Protective gloves made of for example nitrile rubber.

Eye protection

Wear tightly fitting protective goggles or shield.

Clothing requirements

Use rubber apron and rubber boots.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Form:	Crystal powder
Colour:	White to colorless
Odour:	Odourless
Odour threshold:	Not determined
pH-value, diluted solution:	1.18
Melting point/freezing point (°C):	205
Initial boiling point and boiling range (°C):	Not determined
Flash point (°C):	Not determined
Evaporation rate (°C):	Not determined
Flammability (solid, gas):	Not determined
Upper flammability or explosive limits:	Not determined
Lower flammability or explosive limits:	Not determined
Vapour pressure:	0.78 Pa
Vapour density:	3.3-3.35
Relative density:	2.13
Bulk density:	1300 kg/m ³
Solubility in water:	Poorly soluble
Solubility (g/100g H ₂ O@20°C):	17.5-21.3
Partition coefficient: n-octanol/water:	Log _{Pow} 0.10

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SECTION 9: Physical and chemical properties (...)

Auto-ignition temperature:	Not determined
Decomposition temperature (°C):	209
Viscosity:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined

9.2 Other information: No specific.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions.

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

None under recommended handling conditions.

10.4 Conditions to avoid

Avoid moisture and heat.

10.5 Incompatible materials

Halogenated hydrocarbons. Oxidizing material. Inorganic nitrites. Inorganic nitrates.

Nitric acid (HNO₃). Metals, water.

10.6 Hazardous decomposition products

Nitrogen and Sulfur Oxides.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

See section 4. (Most important symptoms and effects, both acute and delayed)

Inhalation

May be irritating.

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes.

Ingestion

Ingestion may cause nausea.

Acute toxicity

LD₅₀ Oral Rat: 316 mg/kg

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SECTION 11: Toxicological information (...)

Specific target organ toxicity (STOT) single and repeated exposure

No known.

Routes of exposure:

Eyes and skin, ingestion, inhalation.

Allergenic potential

The product is not classified as allergenic by inhalation or skin contact.

Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen or toxic for reproduction.

Danger to aspiration

No

SECTION 12: Ecological information

This product is classified as dangerous for the environment.

Do not flush into surface water or sanitary sewer system.

12.1 Toxicity

LC₅₀ Fish 96h: 70.3 mg/l. Species: Pimephales promelas.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Log *P*_{ow}: 0.10 - Not bioaccumulated

12.4 Mobility in soil

Poorly soluble in water

12.5 Results of PBT and vPvB assessment

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

12.6 Other adverse effects

No known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

The product

Dispose of in accordance with local authority requirements. Do not empty into drain.

Hazardous waste.

EWC code: Depends on line of business and use.

EWC suggestions for waste: 20 01 29* detergents containing dangerous substances.

Disposal of Packaging

Empty and well cleaned packaging can be recycled.

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SECTION 14: Transport information

14.1 UN number

2967

14.2 UN proper shipping name (IMDG, IATA/ICAO):

SULPHAMIC ACID

14.3 Transport hazard class(es)

8

14.4 Packing group

III

14.5 Environmental hazards

Marine Pollutant: No

14.6 Special precautions for user

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

-

Tunnel restriction code

(E)

LQ

5 kg

SECTION 15: Regulatory information

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

Classification according to CLP (1272/2008/EC).

15.2 Chemical safety assessment

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SECTION 16: Other information

The full text of Hazard statement Codes

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Version 3: 2017-02-13

Changes have been made in Section 1, 2,3 11 and 16.

Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 830/2015.

Previous versions:

Version 1: 2013-03-26

Version 2: 2015-01-05

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SECTION 16: Other information (...)

Sources

Safety data sheet provided by the manufacturer. CLP-regulation, www.kemi.se, www.echa.europa.eu (databases)

Explanation of abbreviations

BCF: Bio Concentration Factor.

CAS-nr Chemical Abstracts Service number

EC₅₀: Effect Concentration

IMDG: International Maritime Dangerous Goods Code.

LC₅₀: Lethal Concentration

LD₅₀: Lethal Dose

NOEC: No Observed Effect Concentration

PBT- substances: Persistent, Bio accumulative and Toxic substances.

vPvB- substances: Very persistent and Very Bio accumulative substances.