

Perform Acidic Powder

Revision date 2023-06-12

Version 4

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

1.1 Product identifier	Perform Acidic Powder
Identification number	190138
UFI	UH10-F03N-C00V-Y1YG
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
Telephone	+46 (0)31 870540
Homepage/E-mail	www.ajourtrading.com/info@ajourtrading.com
Emergency telephone	For poison information call, NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales), in emergencies call 999.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification CLP (1272/2008/EC)
Skin corrosion/irritation, Hazard Category 2; H315
Serious eye damage/eye irritation, Hazard Category 2; H319
Hazardous to the aquatic environment - Chronic Hazard, Category 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

P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/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.

Perform Acidic Powder

Revision date 2023-06-12

Version 4

SECTION 2: Hazards identification (...)

2.3 Other hazards

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

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Sulphamic acid Index: 016-026-00-0	5329-14-6 226-218-8 01-2119488633-28-xxxx	80 - 100	Eye Irrit. 2 Skin Irrit. 2 Aquatic Chronic 3	H319 H315 H412

*The full text of Hazard statement Codes are listed under section 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

Remove to fresh air. Get medical attention if irritation persists.

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

Treat symptomatically

Perform Acidic Powder

Revision date 2023-06-12

Version 4

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

Do not use a strong water jet, it spreads the fire.

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 Advice for firefighters

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.

Collected waste is placed in closed metal containers and disposed of as waste according to 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 packaging in a dry and cool place.

7.3 Specific end use(s)

-

Perform Acidic Powder

Revision date 2023-06-12

Version 4

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Appropriate engineering controls

Ensure good exhaust ventilation at the workplace.

Eyewash station should be provided.

Exposure limits

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

None established.

British limit values (EH40/2005 Workplace exposure limits)

None established.

DNEL

Workers - Dermal; Long-term systemic effects: 10 mg/kg body weight/day

Consumer - Oral; Long-term systemic effects: 5 mg/kg body weight/day

Consumer - Dermal; Long-term systemic effects: 5 mg/kg body weight/day

PNEC

Freshwater; 0.048 mg/l

Saltwater; 0.0048 mg/l

Successive release; 0.48 mg/l

STP; 2 mg/l

Sediments (Freshwater); 0.173 mg/kg

Sediments (Seawater); 0.0173 mg/kg

Soil; 0.00638 mg/kg

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

Use chemical-resistant protective gloves. (e.g. Nitrile rubber)

When selecting gloves, several parameters should be taken into account, use, handling, breakthrough time.

Eye protection

Wear tightly fitting protective goggles or shield.

Clothing requirements

Use rubber apron and rubber boots.

Perform Acidic Powder

Revision date 2023-06-12

Version 4

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	Powder
Colour:	White. to Colorless.
Odour	Odorless
Melting point/freezing point	205°C
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point (°C):	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	1,18, 1% solution (25°C)
Kinematic viscosity	Not determined
Solubility	21.3 g/100 g @ 20°C Slightly soluble in water
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	0.78 Pa
Density and/or relative density	3.35
Relative vapour density	2.13 @ 20°C
Particle characteristics	Not determined

9.2 Other information:

No further information available.

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.

Perform Acidic Powder

Revision date 2023-06-12

Version 4

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

Irritating/corrosive properties

Irritant for eyes and skin.

Acute toxicity

Not classified as acutely toxic according to CLP.

Toxicology data

LD₅₀ Oral rat: >2000 mg/kg

NOAEC Dermal Rat: >2000 mg/kg

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.

Aspiration hazard

No

11.2. Information on other hazards

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

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 OECD203

EC₅₀ Daphnia 48h: 71.6 mg/l OECD202

EC₅₀ Algae 72h: 48 mg/l Species: Scenedesmus subspicatus OECD201

EC₅₀ Activated Sludge 3h: >200 mg/l

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Log P_{ow} : 0.10 - Not bioaccumulated

12.4 Mobility in soil

The product is miscible with water and can be spread in water systems.

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. Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

12.7. Other adverse effects

No known.

Perform Acidic Powder

Revision date 2023-06-12

Version 4

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.

Suggested EWC code: Depends on line of business and use.

20 01 29* detergents containing dangerous substances.

Disposal of Packaging

Empty and well cleaned packaging can be recycled.

SECTION 14: Transport information

14.1 UN number or ID number

2967

14.2 UN proper shipping name

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

-

14.7 Maritime transport in bulk according to IMO instruments

-

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 Regulation (EC) No. 1907/2006 annex II and EC/2020/878. EH40/2005.

15.2 Chemical safety assessment

-

Perform Acidic Powder

Revision date 2023-06-12

Version 4

SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Version 4: 2023-06-12

Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 2020/878

Previous versions:

Version 1: 2013-03-26

Version 2: 2015-01-05

Version 3: 2017-02-13

Sources

Safety data sheet provided by the manufacturer.

CLP-regulation, www.kemi.se, EH40/2005. 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.