

Perform Vertical Stone Cleaner

Date of issue 2017-02-14

Version 3

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

1.1 Product identifier	Perform Vertical Stone Cleaner
1.2 Relevant identified uses of the substance or mixture and uses advised against	Cleaner (ready to use-pump spray)
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
1.4 Emergency telephone number	+46 (0)8-331231 Poison information in less acute cases during office hours +46(0)10-4566700

SECTION 2: Hazards identification

2.1 Classification:

Classification CLP (1272/2008/EC)

Skin irritation - Category 2; H315

Serious eye irritation - Category 2; H319

2.2 Label elements:

Pictogram



Signal Word: Warning

Containing substances

Sodium Metasilicate Pentahydrate

Hazard statement Code(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves/eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P362 Take off contaminated clothing and wash before reuse.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

3.2 Chemical composition: Mixture

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Sodium Metasilicate Pentahydrate	10213-79-3 229-912-9 01-2119449811-37-xxxx	1-<3	Skin Corr. 1B STOT SE 3 Met. Corr. 1	H314 H335 H290

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

Composition Comments

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

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.

Skin contact

Wash with soap and water for several minutes and rinse skin thoroughly. Seek medical advice if the complaints persist.

Eye contact

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

Ingestion

Rinse mouth and immediately give plenty of milk or water to drink. Seek medical advice if the complaints persist.

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

Inhalation: May cause irritation by inhalation of spray mist (Cough).

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

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

Ingestion: Ingestion can cause nausea, vomiting.

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.

5.3 Special protective equipment

Wear appropriate breathing apparatus and protective clothing.

Additional information

Cool endangered containers with water in case of fire. Move containers from fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Avoid contact with skin and eyes.

Run risks of slipperiness.

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

Re-use product if possible. Small quantities may be wiped up with a cloth.

Larger spill: Contain spill with inert material. Absorb in vermiculite, dry sand or soil.

Rinse with plenty of 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

Use personal protective equipment.

Avoid contact with eyes and skin.

Do not mix with any other chemicals.

Normal precautions taken when handling chemicals should be observed.

Run risks of slipperiness.

Wash hands during work breaks and at the end of the shift.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container.

Avoid cooling to under 0°C.

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.

DNEL

Sodium Metasilicate Pentahydrate (10213-79-3)	Long term exposure - Consumers Systematic effects, oral: 0.74 mg/kg/day Long term exposure - Workers Systematic effects, inhalation: 6.22 mg/m ³ Long term exposure - Consumers Systematic effects, inhalation: 1.55 mg/m ³ Long term exposure - Workers Systematic effects, dermal: 1.49 mg/kg/day Long term exposure - Consumers Systematic effects, dermal: 0.74 mg/kg/day
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PNEC

Sodium Metasilicate Pentahydrate (10213-79-3)	7.5 mg/l	Freshwater
Sodium Metasilicate Pentahydrate (10213-79-3)	1 mg/l	Seawater
Sodium Metasilicate Pentahydrate (10213-79-3)	7.5 mg/l	Water (Periodic)
Sodium Metasilicate Pentahydrate (10213-79-3)	1000 mg/l	Sewage Treatment Plant

8.2 Exposure controls:

General protective and hygiene measures

Wash hands before breaks and after work.
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

Normally not needed. In case of creation of vapours, wear suitable respiratory equipment approved for this purpose.

Hand protection

Use protective gloves. (for ex. Nitrile rubber, PVC).

Eye protection

Wear tightly fitting protective goggles if there is a risk of direct contact or splash.

Clothing requirements

Wear chemical resistant protective clothing.

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

Form:	Liquid
Colour:	Colourless
Odour:	Faint
Odour threshold:	Not determined
pH-value (Conc.):	<11.5
Melting point/freezing point (°C):	Not determined
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:	Not determined
Vapour density:	Not determined
Density:	Not determined
Solubility in water:	Soluble
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
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

No known.

10.4 Conditions to avoid

No known.

10.5 Incompatible materials

Keep away from strong acids.

10.6 Hazardous decomposition products

No hazardous decompositions products known under recommended handling conditions.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Inhalation

May cause irritation by inhalation of spray mist

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes.

Ingestion

Ingestion can cause nausea, vomiting.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

Sodium Metasilicate Pentahydrate (10213-79-3)	LD ₅₀ Oral rat: 1152-1349 mg/kg LC ₅₀ Inhaled rat: >2.06 g/m ³ LD ₅₀ Dermal rat: >5000 mg/kg
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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

SECTION 12: Ecological information

This product is not classified as dangerous for the environment.

Do not flush into surface water or sanitary sewer system.

12.1 Toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

Sodium Metasilicate Pentahydrate (10213-79-3)	LC ₅₀ Fish 96h: 210 mg/l Sp: Brachydanio rerio EC ₅₀ Daphnia 48h: 1700 mg/l
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SECTION 12: Ecological information (...)

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

Not expected to bioaccumulate.

12.4 Mobility in soil

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.

Not hazardous waste.

EWC suggestions for waste:

20 01 30 detergents other than those mentioned in 20 01 29.

Disposal of Packaging

Empty and well cleaned packaging can be recycled.

SECTION 14: Transport information

The product is not classified as dangerous goods according to ADR/RID, IMDG, DGR.

14.1 UN number

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

-

14.3 Transport hazard class(es)

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14.4 Packing group

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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

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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

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

Version 3: 2017-02-14

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: 2013-04-03

Version 2: 2015-01-05

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.