

Perform Vertical Stone Cleaner

Revision date 2023-06-14

Version 4

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

1.1 Product identifier	Perform Vertical Stone Cleaner
ID- number	190159
UFI	CM10-X0T1-P00C-MDJJ
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	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

2.2 Label elements:

Pictogram



Signal Word: Warning

Containing substances

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Hazard statement Code(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves/eye protection/face 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.

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

Perform Vertical Stone Cleaner

Revision date 2023-06-14

Version 4

SECTION 3: Composition/information on ingredients

3.2 Mixtures

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	Met. Corr. 1 Skin Corr. 1B STOT SE 3	H290 H314 H335

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

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.

Never give fluids or induce vomiting if patient is unconscious.

Keep person warm and calm.

Inhalation

Supply 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 complaints occur..

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

Treat symptomatically.

Perform Vertical Stone Cleaner

Revision date 2023-06-14

Version 4

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 Advice for firefighters

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.

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

Use personal protective equipment.

Avoid contact with eyes and skin.

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.

Do not mix with any other chemicals.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container.

Avoid temperatures under 0°C.

7.3 Specific end use(s)

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Perform Vertical Stone Cleaner

Revision date 2023-06-14

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

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

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

Eye protection

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

Clothing requirements

Wear chemical resistant protective clothing.

Perform Vertical Stone Cleaner

Revision date 2023-06-14

Version 4

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

Physical state:	Liquid
Colour:	Colourless
Odour	Faint
Melting point/freezing point (°C):	Not determined
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	<11.5 (Conc.)
Kinematic viscosity	Not determined
Solubility	Soluble in water
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	Not determined
Relative vapour density	Not determined
Particle characteristics	Not relevant. The product is a liquid.

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.

Perform Vertical Stone Cleaner

Revision date 2023-06-14

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

Causes skin irritation.

Causes serious eye irritation.

Acute toxicity

Not classified as acutely toxic according to CLP.

Toxicology data

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

11.2 Information on other hazards

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

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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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.

Inorganic. Soluble silicates, when diluted, will depolymerize into molecular variants that are indistinguishable from naturally dissolved silicic acid.

12.3 Bioaccumulative potential

Inorganic. The substance has no potential for bioaccumulation.

Perform Vertical Stone Cleaner

Revision date 2023-06-14

Version 4

SECTION 12: Ecological information (...)

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 Endocrine disrupting properties

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

12.7 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.

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

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 or ID number

-

14.2 UN proper shipping name

-

14.3 Transport hazard class(es)

-

14.4 Packing group

-

14.5 Environmental hazards

Marine Pollutant: No

14.6 Special precautions for user

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14.7 Maritime transport in bulk according to IMO instruments

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

15.2 Chemical safety assessment

None

Perform Vertical Stone Cleaner

Revision date 2023-06-14

Version 4

SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

The user of this product must decide if the information in this safety data sheet is sufficient for which the product will be used.

Version 4: 2023-06-14

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

Previous versions:

Version 1: 2013-04-03

Version 2: 2015-01-05

Version 3: 2017-02-14. Changes have been made in section 1, 2, 3, 11, and 16.

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.