

## Perform Stone Cleaner HD

Date of issue 2017-02-13

Version 3

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

<b>1.1 Product identifier</b>	Perform Stone Cleaner HD
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Cleaning agent for heavily soiled floors in natural stone
<b>1.3 Details of the supplier of the safety data sheet</b>	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
<b>Telephone</b>	
<b>Homepage/E-mail</b>	
<b>Emergency telephone</b>	

### SECTION 2: Hazards identification

#### 2.1 Classification:

Classification CLP (1272/2008/EC)

Skin corrosion - Category 1B; H314

#### 2.2 Label elements:

Pictogram



Signal Word: Danger

#### Containing substances

Potassium hydroxide

#### Hazard statement Code(s)

H314 Causes severe skin burns and eye damage.

#### Precautionary statements

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

P363 Wash contaminated clothing before reuse.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

P310 Immediately call a POISON CENTER or doctor/physician.

#### 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	1-10	Skin Corr. 1B STOT SE 3 Met. Corr. 1	H314 H335 H290
Alcohol ethoxylate 6MEO	68439-46-3 Polymer -	5- 10	Acute Tox. 4 Eye Dam. 1	H302 H318
Potassium hydroxide, in aqueous solution	1310-58-3 215-181-3 01-2119487136-33-xxxx	2-< 5	Acute Tox. 4 Skin Corr. 1A	H302 H314

\*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](http://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

Immediately, take off all contaminated clothing wash with soap and water and rinse the skin thoroughly. Corrosive burns must be treated by a doctor.

##### Eye contact

Important! Rinse immediately with water for at least 15 minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Go to hospital or eye specialist. If possible, continue to rinse during transport.

##### Ingestion

Rinse mouth with water and drink several glasses of water or milk. Do not provoke vomiting. Go to hospital/doctor.

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

**Inhalation:** Might be irritating if inhaled. (cough)

**Skin contact:** May cause chemical burns with blisters and sores which may be difficult to heal.

**Eye contact:** Give severe pain and irritation. May severely injure the eyes.

**Ingestion:** Corrosive in the mouth, throat and gastrointestinal tract. Ingestion can cause nausea, pain, vomiting. Vomiting may aggravate the injury.

#### 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 a self-contained 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.

Ensure adequate ventilation.

Risk of slipping.

#### 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. Use protective gloves.

Larger spill: Contain spill with inert material. Absorb in e.g. vermiculite, dry sand or earth. 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 skin and eyes.

Read instructions before use.

Normal precautions taken when handling chemicals should be observed.

Provide eyewash station.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container.

Store in temperatures between 5-30°C.

Keep away from strong acids.

#### 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. Provide eyewash station.

##### Exposure limits

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

Substance	CAS-No	Level limit value	Ceiling limit value	Note
Potassium hydroxide, inhalable dust	1310-58-3	1 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	-

#### 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 <sup>3</sup> Long term exposure - Consumers Systematic effects, inhalation: 1.55 mg/m <sup>3</sup> Long term exposure - Workers Systematic effects, dermal: 1.49 mg/kg/day Long term exposure - Consumers Systematic effects, dermal: 0.74 mg/kg/day
Potassium hydroxide (1310-58-3)	Long term exposure - Workers Local effects, inhalation: 1 mg/m <sup>3</sup> Long term exposure - Consumers Local effects, inhalation: 1 mg/m <sup>3</sup>

#### 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 gloves. (E.g. Nitrile rubber, Butyle rubber) When selecting gloves, several parameters should be taken into account, use, handling, break thru time.

##### Eye protection

Wear tightly fitting protective goggles.

##### Clothing requirements

Wear chemical-resistant protective clothing.

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<b>SECTION 9: Physical and chemical properties</b>
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**9.1 Information on basic physical and chemical properties:**

Form:	Liquid
Colour:	Transparent
Odour:	Not determined
Odour threshold:	Not determined
pH-value (Conc.):	Not determined
Melting point/freezing point (°C):	<0
Initial boiling point and boiling range (°C):	About 100
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:	1100 kg/m <sup>3</sup>
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.

<b>SECTION 10: Stability and reactivity</b>
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**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**

None under recommended handling conditions.

**10.5 Incompatible materials**

Strong acids.

**10.6 Hazardous decomposition products**

None 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

Might be irritating if inhaled.

##### Skin contact

Corrosive.

##### Eye contact

Corrosive.

##### Ingestion

Corrosive.

##### Acute toxicity

Information about this preparation is not available.

#### Toxicology data for the containing components:

Sodium Metasilicate Pentahydrate (10213-79-3)	LD <sub>50</sub> Oral rat: 1152-1349 mg/kg LC <sub>50</sub> Inhaled rat: >2.06 g/m <sup>3</sup> LD <sub>50</sub> Dermal rat: >5000 mg/kg
Alcohol ethoxylate 6MEO (-)	LD <sub>50</sub> Oral rat: >200<2000 mg/kg
Potassium hydroxide (1310-58-3)	LD <sub>50</sub> Oral rat: 333 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.

#### Danger to aspiration

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:

Disodium metasilicate (10213-79-3)	LC <sub>50</sub> Fish 96h: 210 mg/l Sp: Brachydanio rerio EC <sub>50</sub> Daphnia 48h: 1700 mg/l
Alcohol ethoxylate 6MEO (68439-46-3)	LC <sub>50</sub> Fish 96h: 1-10 mg/l
Potassium hydroxide (1310-58-3)	LC <sub>50</sub> Fish 96h: 80 mg/l EC <sub>50</sub> Daphnia 48h: 40-240 mg/l

#### 12.2 Persistence and degradability

Disodium metasilicate (10213-79-3) - Inorganic. Soluble silicates come upon dilution rapidly depolymerized to molecular variants that are indistinguishable from natural dissolved silica.

Alcohol ethoxylate 6MEO (68439-46-3) - Readily biodegradable.

Potassium hydroxide (1310-58-3) - Composed only of inorganic compounds which are not biodegradable.

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### SECTION 12: Ecological information (...)

#### 12.3 Bioaccumulative potential

None organic. Does not bioaccumulate. - Disodium metasilicate (10213-79-3)

#### 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. Hazardous waste.

##### EWC suggestions for waste:

20 01 29\* detergents containing dangerous substances.

##### Disposal of Packaging

Empty and cleaned packaging can be recycled.

### SECTION 14: Transport information

#### 14.1 UN number

1760

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

CORROSIVE LIQUID N.O.S (POTASSIUM HYDROXIDE)

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

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#### Tunnel restriction code

(E)

LQ

5L

### SECTION 15: Regulatory information

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

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

Chemical safety assessment

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### SECTION 16: Other information

#### The full text of Hazard statement Codes

H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

#### Version 3: 2017-02-13

Changes have been made in Section 1, 2, 3, 8, 11 and 16  
Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 830/2015.

#### Previous versions:

Version 1: 2013-04-02  
Version 2: 2015-01-05

#### Sources

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

#### Explanation of abbreviations

BCF: Bio Concentration Factor.  
CAS-nr Chemical Abstracts Service number  
EC<sub>50</sub>: Effect Concentration  
IMDG: International Maritime Dangerous Goods Code.  
LC<sub>50</sub>: Lethal Concentration  
LD<sub>50</sub>: Lethal Dose  
NOEC: No Observed Effect Concentration  
PBT- substances: Persistent, Bio accumulative and Toxic substances.  
vPvB- substances: Very persistent and Very Bio accumulative substances.