

Perform Tile Cleaner

Date of issue 2017-02-14

Version 1

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

1.1 Product identifier	Perform Deep Stone Cleaner
1.2 Relevant identified uses of the substance or mixture and uses advised against	Cleaning agent
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 Swedish poison information. In less acute cases during office hour +46(0)10-4566700

SECTION 2: Hazards identification

2.1 Classification:

Classification CLP (1272/2008/EC)

Skin corrosion - Category 1C; H314

Serious eye damage- Category 1:H318

2.2 Label elements:

Pictogram



Signal Word: Danger

Containing substances

Orthophosphoric acid ~20%

Hazard statement Code(s)

H314 Causes severe skin burns and eye damage.

Precautionary statements

P280 Wear protective gloves/eye protection/face protection.

P261 Avoid breathing vapours/spray.

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)*
Orthophosphoric acid 85%	7664-38-2 231-633-2 01-2119485924-24-xxxx	10-<25	Skin Corr. 1B	H314
Hexyl D-glucoside (54549-24-5)	54549-24-5 259-217-6 01-2119492545-29-xxxx	1-10	Eye Dam. 1	H318
2-(2-ethylhexoxy)ethanol	26468-86-0 -	1-10	Eye Dam. 1	H318

*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 <http://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. Irritating to the upper respiratory tract. Coughing, chest tightness, a feeling of chest pressure.
Skin contact:	May cause chemical burns with blisters and sores.
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. (Oxides of phosphorus)

5.3 Special protective equipment

Use an appropriate breathing apparatus and protective suits.

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.

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.

Ensure adequate ventilation. Avoid breathing vapours/spray

Normal precautions taken when handling chemicals should be observed.

Provide eyewash station.

7.2 Conditions for safe storage, including any incompatibilities

Store upright in tightly closed container.

Keep away from alkalis.

Suitable materials for containers: Polyethylene. Stainless steel.

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:

Ämne	CAS-nr	Level limit value	Short time value	Note
Orthophosphoric acid	7664-38-2	1 mg/m ³	2 mg/m ³	V

Explanation of Note

V = Indicative short term limit

DNEL

Orthophosphoric acid (7664-38-2)	Long term exposure - Workers Effects, inhalation: 2,92 mg/m ³
Hexyl D-glucoside (54549-24-5)	Long term exposure - Workers Systematic effects, dermal: 595000 mg/kg bw/day Long term exposure - Workers Systematic effects, inhalation: 420 mg/m ³ Long term exposure - Consumers Systematic effects, dermal: 357000 mg/kg bw/day Long term exposure - Consumers Systematic effects, inhalation: 124 mg/m ³ Long term exposure - Consumers Systematic effects, oral: 35,7 mg/kg bw/day

PNEC

Hexyl D-glucoside (54549-24-5)	0,1 mg/l	Freshwater
Hexyl D-glucoside (54549-24-5)	0,01 mg/l	Seawater
Hexyl D-glucoside (54549-24-5)	100 mg/l	Sewage Treatment Plant
Hexyl D-glucoside (54549-24-5)	0,410 mg/kg torrvtikt	Sediment (Freshwater)
Hexyl D-glucoside (54549-24-5)	0,0410 mg/kg torrvtikt	Sediment (SeaWater)
Hexyl D-glucoside (54549-24-5)	0,654 mg/kg torrvtikt	Dirt

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SECTION 8: Exposure controls/personal protection (...)

8.2 Exposure controls:

General protective and hygiene measures

Wash hands before breaks and after work. Do not eat or drink during work – no smoking. Avoid contact with eyes and skin. Avoid breathing vapours/spray from the product.

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

In case of insufficient ventilation or if the concentration exceeds workplace limits a respirator fit for purpose must be used. (BE+P3)

Hand protection

Use chemical-resistant gloves. (eg Nitrile rubber, butyl rubber, polychloroprene, fluorine rubber, polyvinyl chloride)

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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Form:	Liquid
Colour:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH-value (Conc.):	<2
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:	Not determined
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.

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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

Avoid extreme heat for extended periods of time.

10.5 Incompatible materials

Strong alkalis

10.6 Hazardous decomposition products

Oxides of phosphorus.

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

May be corrosive due to low ph-value.

Eye contact

May be corrosive due to low ph-value.

Ingestion

May be corrosive due to low ph-value.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

Orthophosphoric acid (7664-38-2)	LD ₅₀ Oral rat: 1530 mg/kg
2-(2-ethylhexoxy)ethanol (26468-86-0)	LD ₅₀ Oral: >2000-5000 mg/kg LC ₅₀ Inhalation: >20 mg/l LD ₅₀ Dermal: >2000-5000 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

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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:

Orthophosphoric acid (7664-38-2)	The product may have a local pH altering effect of water with risk of harmful effects to aquatic organisms.
Hexyl D-glucoside (54549-24-5)	LC ₅₀ Fish 96h: >100 mg/l Sp: Oncorhynchus mykiss EC ₅₀ Daphnia 48h: >100 mg/l Sp: Daphnia magna EC ₅₀ Algea 72h : >100 mg/l Sp: Scenedesmus quadricauda EC ₅₀ Bacteria 4h: >1000 mg/l Sp: Nitrifikationsbacteria
2-(2-ethylhexoxy)ethanol (26468-86-0)	LC ₅₀ Fish 96h: 13 mg/l Sp: Oncorhynchus mykiss EC ₅₀ Daphnia 48h: 6,5 mg/l Sp: Daphnia magna EC ₅₀ Algea 72h: 6,6 mg/l Sp: Scenedesmus subspicatus EC ₅₀ Bacteria 4h: 680 mg/l Sp: Nitrifikationsbacteria

12.2 Persistence and degradability

Hexyl D-glucoside (54549-24-5) – Readily biodegradable

2-(2-ethylhexoxy)ethanol (26468-86-0) - Readily biodegradable.

12.3 Bioaccumulative potential

Not expected to bioaccumulate. - 2-(2-ethylhexoxy)ethanol (26468-86-0)

Not expected due to low log Pow-value. - Hexyl D-glucoside (54549-24-5)

12.4 Mobility in soil

No information available

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:

This product or residues of concentrated product are classified as hazardous waste.

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 well cleaned packaging can be recycled.

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SECTION 14: Transport information

14.1 UN number

1760

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

CORROSIVE LIQUID (FOSFORSYRA)/CORROSIVE LIQUID N.O. S (PHOSPHORIC 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

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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

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Classification comment

The product is classified as H314 because of its low pH value (<2) and not because of its containing substances.

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

Sources

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

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SECTION 16: Other information (...)
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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.