

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

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

1.1 Product identifier	Perform Hulk Floor Cleaner
1.2 Relevant identified uses of the substance or mixture and uses advised against	Effective cleaner for all surfaces
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	+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)

Serious eye irritation - Category 2; H319

2.2 Label elements:

Pictogram



Signal Word: Varning

Containing substances

-

Hazard statement Code(s)

H319 Causes serious eye irritation.

Precautionary statements

P280 Wear 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.

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.

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

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)*
Alcohols, C12-14, ethoxylated (>5 - <15 EO) **	68439-50-9 932-106-6	3-<10	Acute Tox. 4 Eye Dam 1 Aquatic Chronic 3	H302 H318 H412
1-methoxy-2- propanol	107-98-2 203-539-1 01-2119457435-35-xxxx	1-10	Flam. Liq. 3 STOT SE 3	H226 H336
Potassium carbonate	584-08-7 209-529-3 01-2119532646-36-xxxx	<10	Skin Irrit. 2 Eye Irrit. 2 STOT SE 3	H315 H319 H335

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

** SCL = Specific concentration limit.

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

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.

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

SECTION 4: First aid measures (...)

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

Inhalation: May cause irritation by inhalation of spray mist (Cough).
Skin contact: Prolonged or repeated contact with the skin can cause redness, dry skin and cracking.
Eye contact: Irritating to eyes. (Burning, redness)
Ingestion: May cause nausea, vomiting by ingestion of large quantities.

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

Appropriate breathing apparatus may be required.

Additional information

Cool endangered containers with water in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with eyes.

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.

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment. Avoid contact with eyes.
 Provide eyewash station.
 Normal precautions taken when handling chemicals should be observed.
 Do not mix the product with other cleaning agents.
 Wash hands during work breaks and at the end of the shift.
 When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Store upright in original closed containers in a dry place at room temperature.
 Suitable storage materials: Polyethylene (PE).
 Inappropriate storage material: PVA (polyvinylalcohol).

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	Short time value	Note
1-methoxy-2-propanol	107-98-2	50 ppm 190 mg/m ³	150 ppm 568 mg/m ³	H

Explanation note:

H = Substance can easily be absorbed through the skin.

British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS-no	Long-term exposure limit	Short-term exposure limit	Comments
1-Methoxypropan-2-ol	107-98-2	100 ppm 375 mg/m ³	150 ppm 560 mg/m ³	Sk

Explanation note:

Sk = Can be absorbed through the skin

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

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

DNEL

1-methoxy-2-propanol (107-98-2)	Long term exposure - Workers Local effects, inhalation: 553.5 mg/m ³ Long term exposure - Workers Systematic effects, dermal: 50.6 mg/kg/day Long term exposure - Workers Systematic effects, inhalation: 369 mg/m ³ Long term exposure - Consumers Systematic effects, dermal: 18.1 mg/kg Long term exposure - Consumers Systematic effects, inhalation: 43.9 mg/m ³ Long term exposure - Consumers Systematic effects, oral: 3.3 mg/kg/day
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PNEC

1-methoxy-2-propanol (107-98-2)	10 mg/l	Freshwater
1-methoxy-2-propanol (107-98-2)	100 mg/l	Water
1-methoxy-2-propanol (107-98-2)	41.6 mg/kg	Wet sediment (Freshwater)
1-methoxy-2-propanol (107-98-2)	4.17 mg/kg	Wet sediment (Seawater)
1-methoxy-2-propanol (107-98-2)	2.47 mg/kg	Soil
1-methoxy-2-propanol (107-98-2)	100 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.

Hand protection

For prolonged and frequent contact with the product, use protective gloves. (for ex. Nitrile rubber).

Eye protection

Protective gloves must be used if there is a risk of direct contact or splash.

Clothing requirements

Wear chemical resistant protective clothing.

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Form:	Liquid
Colour:	Transparent
Odour:	Faint scent of pine
Odour threshold:	Not determined
pH-value (Conc.):	About 9.8
Melting point/freezing point (°C):	-5
Initial boiling point and boiling range (°C):	100
Flash point (°C):	>100
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:	1045 kg/m ³
Solubility in water:	Soluble
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Low viscosity
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

Strong acids and strong oxidizing agents.

10.6 Hazardous decomposition products

None under recommended handling conditions.

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

SECTION 11: Toxicological information
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11.1 Information on toxicological effects

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

Inhalation

May cause irritation by inhalation.

Skin contact

May cause irritation.

Eye contact

Irritating.

Ingestion

May cause nausea, vomiting by ingestion of large quantities.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

Alcohols, C12-14, ethoxylated (>5 - <15 EO) (68439-50-9)	LD ₅₀ Oral rat: >300-2000 mg/kg LD ₅₀ Dermal rabbit: >2000 mg/kg
1-methoxy-2-propanol (107-98-2)	LD ₅₀ Oral rat: 4016 mg/kg LC ₅₀ Inhaled rat 6h: 27.596 mg/l LD ₅₀ Dermal rabbit: >2000 mg/kg
Potassium carbonate (584-08-7)	LD ₅₀ Oral rat: >2000 mg/kg LD ₅₀ Dermal rabbit: >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.

Danger to aspiration

No

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

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:

Alcohols, C12-14, ethoxylated (>5 - <15 EO) (68439-50-9)	LC ₅₀ Fish 96h: >1-10 mg/l Sp: Cyprinus carpio EC ₅₀ Daphnia 48h: >1-10 mg/l Sp: Daphnia magna EC ₅₀ Algae 72h: >1-10 mg/l Sp: Desmodesmus subspicatus EC ₁₀ Algae 72h: >0.1-1 mg/l Sp: Scenedesmus subspicatus EC ₅₀ Bacteria: 140 mg/l Sp: Activated sludge
1-methoxy-2-propanol (107-98-2)	LC ₅₀ Fish 96h: 6812 mg/l Sp: Leuciscus idus (guldid) LC ₅₀ Fish 96h: 20800 mg/l Sp: Pimephales promelas LC ₅₀ Fish 96h: >= 1000 mg/l Sp: Oncorhynchus mykiss EC ₅₀ Daphnia 48h: 23300 mg/l Sp: Daphnia magna ErC ₅₀ Algae 7 days: >1000 mg/l Sp: Pseudokirchneriella subcapitata IC ₅₀ Bacteria 3h: 1000 mg/l Sp: Pseudokirchneriella subcapitata
Potassium carbonate (584-08-7)	NOEC Fish 96h: 33 mg/l Sp: Onchorhynchus mykiss NOEC Daphnia 48h: 120 mg/l Sp: Daphnia magna

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.

1-methoxy-2-propanol (107-98-2) - Biodegradable.

12.3 Bioaccumulative potential

Not expected to bioaccumulate. - Alcohols, C12-14, ethoxylated (>5 - <15 EO) (68439-50-9)

Not expected to bioaccumulate. - 1-methoxy-2-propanol (107-98-2)

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 cleaned packaging can be recycled.

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

SECTION 14: Transport information

The product are 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)

-

14.4 Packing group

-

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

H226 Flammable liquid and vapour.

H302 Harmful if swallowed

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Version 4: 2018-12-19 (Changes have been made in section 8, 13, 16)

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

Previous versions:

Version 1: 2013-03-26

Version 2: 2015-01-05

Version 3: 2017-02-13

Perform Hulk Floor Cleaner

Date of issue 2018-12-19

Version 4

SECTION 16: Other information (...)
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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.