

Perform A-Jas

Date of issue 2016-12-23

Version 4

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

1.1 Product identifier	Perform A-Jas.
1.2 Relevant identified uses of the substance or mixture and uses advised against	Eco friendly high concentrated all-purpose cleaner
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)

Skin irritation - Category 2; H315

Serious eye damage - Category 1; H318

Hazardous to the aquatic environment - Category 3 Chronic, H412

2.2 Label elements:

Pictogram



Signal Word: Danger

Containing substances

Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl)

Hazard statement Code(s)

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/eye protection.

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

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.

P273 Avoid release to the environment.

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)*
Paraffins (petroleum)	64771-72-8 265-233-4	10-20	Asp. Tox. 1	H304 EUH066
C9-11 Alcohol ethoxylate	68439-46-3 -	10-15	Acute Tox. 4 Eye Dam. 1	H302 H318
Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl)	68155-07-7 931-329-6 01-2119490100-53-xxxx	3-10	Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 2	H315 H318 H411
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 500-234-8	1-5	Skin Irrit. 2 Eye Dam. 1	H315 H318
1-(2-ethoxyisopropoxy)-2-propanol	34590-94-8 252-104-2 01-2119450011-60-xxxx	1-5	-	-
2-Propylheptanol ethoxylate	160875-66-1 -	1-5	Eye Dam. 1	H318
Potassium carbonate	584-08-7 209-529-3 01-2119532646-36-xxxx	1-5	Skin Irrit. 2 Eye Irrit. 2 STOT Single 3	H315 H319 H335

*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

Take off all contaminated clothing. 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 15 minutes. Hold eyelids apart. Go to hospital or eye specialist. If possible, continue to rinse during transport.

Ingestion

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

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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:	Irritating to skin. (Redness, pain) Prolonged or repeated contact with the skin can cause redness, dry skin and cracking.
Eye contact:	Give severe pain and irritation. May severely injure the eyes.
Ingestion:	May cause nausea, abdominal pain, 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 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. Move containers from fire area if it can be done without risk.

Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations.

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.

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 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.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment.

Avoid contact with skin and eyes.

Provide eyewash station.

Normal precautions taken when handling chemicals should be observed.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

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.

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-(2-ethoxyisopropoxy)-2-propanol	34590-94-8	50 ppm 300 mg/m ³	75 ppm 450 mg/m ³	H

Explanation note:

H = Substance can easily be absorbed through the skin.

DNEL

1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	Long term exposure - Workers Systematic effects, dermal: 65 mg/kg/day Long term exposure - Workers Systematic effects, inhalation: 310 mg/m ³ Long term exposure - Consumers Systematic effects, dermal: 15 mg/kg/day Long term exposure - Consumers Systematic effects, inhalation: 37.2 mg/m ³ Long term exposure - Consumers Systematic effects, oral: 1.67 mg/kg/day
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PNEC

1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	19 mg/l	Freshwater
1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	1.9 mg/l	Seawater
1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	190 mg/l	Water
1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	70.2 mg/kg	Wet sediment (Freshwater)
1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	7.02 mg/kg	Wet sediment (Seawater)
1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	2.74 mg/kg	Soil
1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	4168 mg/l	Sewage Treatment Plant

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

Use chemical-resistant gloves. (E.g. Nitrile rubber, PVC)

Eye protection

Wear tightly fitting protective goggles.

Clothing requirements

Wear suitable protective clothing.

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

Form:	Liquid
Colour:	Transparent
Odour:	Unperfumed
Odour threshold:	Not determined
pH-value (Conc.):	About 10
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:	1040 kg/m ³
Solubility in water:	Soluble
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	About 60 cPs
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.

10.3 Possibility of hazardous reactions

None under recommended handling conditions.

10.4 Conditions to avoid

No known.

10.5 Incompatible materials

Keep away from strong oxidizing agents.

10.6 Hazardous decomposition products

None under recommended handling conditions.

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 (cough).

Skin contact:

Irritating to skin

Eye contact:

Caustic

Ingestion:

May cause nausea, abdominal pain, vomiting by ingestion of large quantities.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

Paraffins (petroleum) (64771-72-8)	LD ₅₀ Oral rat: >2000 mg/kg
C9-11 Alcohol ethoxylate (68439-46-3)	LD ₅₀ Oral rat: 500 mg/kg (point estimate)
Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl) (68155-07-7)	LD ₅₀ Oral rat: >5000 mg/kg LD ₅₀ Dermal rabbit: >20000 mg/kg
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)	LD ₅₀ Oral rat: ~4000 mg/kg
1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	LD ₅₀ Oral rat: >4000 mg/kg LC ₅₀ Inhaled rat 7h: 3,35 mg/l LD ₅₀ Dermal rabbit: 9510 mg/kg
2-Propylheptanol ethoxylates (160875-66-1)	LD ₅₀ Oral rat: 2000-5000 mg/kg
Potassium carbonate (584-08-7)	LD ₅₀ Oral rat: >2000 mg/kg LD ₅₀ Dermal rabbit: >2000 mg/kg

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SECTION 11: Toxicological information (...)

Specific organotoxicitet STOT-single exposure -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 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:

C9-11 Alcohol ethoxylate (68439-46-3)	LC ₅₀ Fish 96h: >1-10 mg/l EC ₅₀ Daphnia 48h: >1-10 mg/l Sp: D. Magna EC ₅₀ Algae 72h: >1-10 mg/l Sp: Skeletonema costatum EC ₅₀ bacteria 4h: 410 mg/l Sp: Nitrification bacteria
Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl) (68155-07-7)	LC ₅₀ Fish 96h: 1-5 mg/l EC ₅₀ Algae 48h: 1-5 mg/l EC ₅₀ Daphnia 72h: 5-15 mg/l
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)	LC ₅₀ Fish 96h: 1-10 mg/l IC ₅₀ Algae 72h: 10-100 mg/l EC ₅₀ Daphnia 48h: 1-10 mg/l
1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)	LC ₅₀ Fish 96h: >10000 mg/l Sp: Pimephales promelas EC ₅₀ Daphnia 48h: 1919 mg/l Sp: D. magna EC ₁₀ Bacteria: 4168 mg/l Sp: Pseudomonas putida
2-Propylheptanol ethoxylate (160875-66-1)	LC ₅₀ Fish 96h: >1-10 mg/l Sp: Oncorhynchus mykiss EC ₅₀ Daphnia 48h: >1-10 mg/l Sp: Daphnia magna EC ₅₀ Algae 72h: >10-100 mg/l Sp: Scenedesmus subspicatus
Potassium carbonate (584-08-7)	NOEC Fisk 96h: 33 mg/l Sp: Onchorhynchus mykiss NOEC Daphnia 48h: 120 mg/l Sp: Daphnia magna

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SECTION 12: Ecological information (...)

12.2 Persistence and degradability

Paraffins (petroleum) (64771-72-8) - Readily biodegradable.

C9-11 Alcohol ethoxylate (68439-46-3) - Readily biodegradable.

Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl) (68155-07-7) - Readily biodegradable.

1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8) - Readily biodegradable.

2-Propylheptanol ethoxylate (160875-66-1) - Readily biodegradable.

12.3 Bioaccumulative potential

Does bioaccumulate. - Paraffins (petroleum) (64771-72-8)

Unlikely to bioaccumulate. - C9-11 Alcohol ethoxylate (68439-46-3)

Does not bioaccumulate. - 1-(2-ethoxyisopropoxy)-2-propanol (34590-94-8)

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

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

14.1 UN number

-

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

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

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

Chemical safety assessment

-

SECTION 16: Other information

The full text of Hazard statement Codes

EUH066 Repeated exposure may cause skin dryness or cracking.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

Version 4: 2016-12-23

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

Previous versions:

Version 1 : 2013-03-27

Version 2 : 2015-01-05

Version 3 : 2015-10-23

Sources

Safety data sheet provided by the manufacturer. CLP-regulation, www.kemi.se, <http://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.