Safety Data Sheet

Regulation (EC) No. 1907/2006 appendix II and (EG) 2020/878

Perform MPC

Date of issue 2023-06-01 Version 5

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

1.1 Product identifier	Perform MPC
ID-number	190136
UFI	8F10-X0E8-200C-9QDE
1.2 Relevant identified uses of the substance or mixture and uses advised against	Polishing compound for marble, terrazzo, limestone, etc.
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	In less acute cases during office hours +46(0)10-4566700

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification CLP (1272/2008/EC)

Causes serious eye damage- Category 1; H318

Skin corrosion/irritation, Hazard Category 2: H315

Acute toxicity - Category 4; H302

Acute toxicity - Category 4; H312

2.2 Label elements:

Pictogram

Signal Word: Danger

Containing substances

Potassium hydrogenoxalate, Oxalic acid. Octanoic acid

Hazard statement Code(s)

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation

H318 Causes serious eye damage.

Precautionary statements

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

P264 Wash hands and face thoroughly after handling.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

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.

SECTION 2: Hazards identification

2.3 Other hazards

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

There is risk of formation of small amounts of gases containing fluorine. Do not breathe gas. Ensure good ventilation. Addition of water may possible form hydrofluoric acid or hydrogen chloride. In experiments where water has been added to the product, however, neither hydrofluoric acid or hydrogen fluoride could be detected.

Does not contain any substances that are assessed to be a PBT- or a vPvB-substance ≥ 0.1%

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)*
Potassium hydrogen oxalate Index: 607-007-00-3	127-95-7 204-873-0 01-2119979573-22-0002	40-80	Acute Tox. 4 Acute Tox. 4	H312 H302
Oxalic acid dihydrate	6153-56-6 205-634-3 01-2119534576-XXXX	5-20	Acute Tox. 4 Acute Tox. 4 Eye Dam 1	H302 H312 H318
Sulfur Index: 016-094-00-1	7704-34-9 231-722-6 01-2119487295-27-xxxx	1-<10	Skin Irrit. 2	H315
Magnesium hexafluorosilicate Index: 009-018-00-3	16949-65-8 241-022-2	1-<10	Acute Tox. 3	H301
Octanoic acid	124-07-2 204-677-5 01-2119552491-41	1<-3	Skin Corr.1C Aquatic Chronic. 3	H314 H412

*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 (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

Fresh air. Seek medical advice if the complaints persist.

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.

Ingestion

Rinse mouth and give plenty of water to drink. Seek medical attention.

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

Inhalation:	Inhalation of mist may cause coughing, burning and breathing difficulties. Excessive inhalation or inhalation of high concentrations involve the risk of lung injury.
Skin contact:	Harmful in contact with skin. Causes skin irritation This product might be absorbed through the skin. Prolonged or repeated contact may cause irritation to the skin. Symptoms: itching, pain.
Eye contact:	May cause mild irritation to eyes. (pain, redness)
Ingestion:	Harmful if ingested. Ingestion give burning pain in mouth, pharynx and stomach.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water mist, carbondioxide, powder or foam.

5.2 Special hazards arising from the substance or mixture

Do not breathe fumes. During fire, gases hazardous to health like CO, CO_2, may be formed. There is also risk of formation of smaller amounts of gas containing fluorine.

5.3. Advice for firefighters

Appropriate breathing apparatus and protective clothes 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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure good ventilation. Avoid formation of dust. Avoid contact with eyes and skin.

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. Collect the waste mechanically.

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
Avoid contact with eyes and skin.
Do not breathe gas. Ensure good ventilation. Addition of water may possible form hydrofluoric acid or hydrogen chloride. In experiments where water has been added to the product, however, neither hydrofluoric acid or hydrogen fluoride could be detected. Handle in accordance with good industrial hygiene and safety practice. Do not mix with any other chemicals.

7.2 Conditions for safe storage, including any incompatibilities
Keep away from strong oxidizing agents. Store in tightly closed container.

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.

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

Substance	CAS-No	Level limit value	Short time value	Note
Oxalic acid Dihydrate	6153-56-6	1 mg/m^3	2 mg/m^3	V

Explanation note:
V = Indicative short term limit

SECTION 8: Exposure controls/personal protection

DNEL

Potassium hydrogen oxalate (127-95-7)	Long-term exposure - Consumers Systemic effects, Oral: 1.14 mg/kg Long-term exposure - Workers Systemic effects, Inhalation: 4.03 mg/m^3 Long-term exposure - Consumers Systemic effects, Dermal: 0.35 mg/cm^2 Long-term exposure - Workers Systemic effects, Dermal: 0.69 mg/cm^2
Oxalic acid dihydrate (6153-56-6)	Short-term exposure – Workers Local effects, Dermal: 0.69 mg/cm^2 Long-term exposure - Workers Systemic effects, 2.29 mg/kg Long-term exposure - Workers Systemic effects, Inhalation: 4.03 mg/m^3 Short-term exposure - Consumers Local effects, Dermal: 0.3 mg/cm^2

PNEC

Potassium hydrogen oxalate (127-95-7)	0,1622 mg/l	Sötvatten
Potassium hydrogen oxalate (127-95-7)	0,01622 mg/l	Havsvatten
Potassium hydrogen oxalate (127-95-7)	1,622 mg/l	Periodiska utsläpp
Potassium hydrogen oxalate (127-95-7)	1550 mg/l	STP
Oxalsyra Dihydrat (6153-56-6)	0,1622 mg/l	Sötvatten
Oxalsyra Dihydrat (6153-56-6)	0,01622 mg/l	Havsvatten
Oxalsyra Dihydrat (6153-56-6)	1,622 mg/l	Periodiska utsläpp
Oxalsyra Dihydrat (6153-56-6)	1550 mg/l	STP

8.2 Exposure controls:

General protective and hygiene measures

Wash hands before breaks and after work. Do not eat, drink or smoke while handling the product.
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes and skin.

Individual protection measures, such as personal protective equipment:

Always consult a competent person/supplier when selecting personal protective equipment.

Respiratory protection

In inadequately ventilated places or if workplace limits are exceeded, a gasmask approved for this purpose must be worn. (Gas filter BE and particle filter P3)

Hand protection

Use protective gloves. (E.g. Nitrile rubber,Neoprene, PVC)

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

Physical state:	Moistened powder
Colour:	Slightly yellowish
Odour	Characteristic
Melting point/freezing point	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	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	1(10 % water solution)
Kinematic viscosity	Not determined
Solubility	Partially soluble
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 determined

9.2 Other information
No specific.

SECTION 10: Stability and reactivity

10.1 Reactivity
Stable under recommended storage and handing conditions.

10.2 Chemical stability
Stable under recommended storage and handing conditions.

10.3 Possibility of hazardous reactions
There is risk of formation of small amounts of gases containing fluorine.Addition of water may possible form hydrofluoric acid or hydrogen chloride. In experiments where water has been added to the product, however, neither hydrofluoric acid or hydrogen fluoride could be detected

10.4 Conditions to avoid
No known.

10.5 Incompatible materials
Strong acids, strong alkali, strong oxidizing agents.

10.6 Hazardous decomposition products
None under recommended handing conditions.

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 serious eye damage. Causes skin irritation.

Acute toxicity

Harmful if swallowed. Harmful in contact with skin.

Acute toxicity

Information about this preparation is not available.

Toxicological data for constituent substances

Potassium hydrogen oxalate (127-95-7)	LD_{50} Oral Rat (female) >375 mg/kg LD_{50} Dermal rabbit: >20000 mg/kg
Oxalsyra Dihydrat (6153-56-6)	LD_{50} Oral Rat 375 mg/kg LD_{50} Dermal rabbit: >20000 mg/kg
Octanoic acid (124-07-2)	LD_{50} Oral Råtta: >2000 mg/kg LD_{50} Dermal Kanin: >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.

Aspiration hazard

No

11.2. Information on other hazards

Does not contain any substances that are assessed to be a PBT- or a vPvB-substance ≥ 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.

Toxicological data for constituent substances

Potassium hydrogen oxalate (127-95-7)	LC_{50} Fish 48h: 160 mg/l Species: Leuciscus idus melanotus EC_{50} Daphnia 48h: 162.2 mg/l EC_{50} Algae 8d: 80 mg/l Species: Microcystis aeruginosa EC_{50} Microorganism 16h: 1550 mg/l Species: Peudomonas putida EC_{50} Salad 72h: 8mm Species: Salad sativa LD_{50} Arthropod 48h: 176.68 ug Species: Honey bee
Oxalsyra Dihydrat (6153-56-6)	LC_{50} Fisk 48h: 160 mg/l Art: Carassius auratus EC_{50} Daphnia 48h: 162,2 mg/l EC_{50} Alger 8d: 80 mg/l Art: Microcystis aeruginosa
Octanoic acid (124-07-2)	LC_{50} Fish 96h: 22 mg/l Sp: Lepomis marcochirus EC50 Daphnia 48h: >20 mg/l

12.2 Persistence and degradability

Octanoic acid (124-07-2) – BOD 1,27 O2/g

12.3 Bioaccumulative potential

Octanoic acid (124-07-2) – logPow 3.05

12.4 Mobility in soil

Partially 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 any substances that are assessed to be a PBT- or a vPvB-substance ≥ 0.1%

12.7 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.
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.

Supplemental information

Working solution/dilutions: 1 part product – 100 parts water or more is not classified as hazardous waste.

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

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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. Maritime transport in bulk according to IMO instruments

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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

None

SECTION 16: Other information

The full text of Hazard statement Codes

H301 Toxic if swallowed
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects

Version 5: 2023-06-01
Safety data sheet according to Regulation (EC) No. 1907/2006 annex II (EC/2020/878) and (EC) 2020/878

Previous versions:

Version 1: 2013-03-26
Version 2: 2015-01-05
Version 3: 2017-02-14
Version 4: 2022-08-23 Changes have been made in section 1, 3, 11, 12,13 and 16.

SECTION 16: Other information (...)

Explanation of abbreviations

BCF: Bio Concentration Factor.
CAS-nr Chemical Abstracts Service number
EC_{50}: Effect Concentration
IMDG: International Maritime Dangerous Goods Code.
LC_{50}: Lethal Concentration
LD_{50}: Lethal Dose
NOEC: No Observed Effect Concentration
PBT- substances: Persistent, Bio accumulative and Toxic substances.
vPvB- substances: Very persistent and Very Bio accumulative substances.