Safety Data Sheet

According to Regulation (EC) No. 1907/2006 annex II and EC/2020/878

Perform Anti-Foam

Revision date: 2023-05-29 Version 4

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

1.1 Product identifier	Perform Anti-Foam
Identification number	190131
UFI	5C10-E0QU-R00V-NCTC
1.2 Relevant identified uses of the substance or mixture and uses advised against	Highly efficient antifoam agent for aqueous systems
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	For poison information call, NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales), in emergencies call 999.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification CLP (1272/2008/EC)

The product is not classified as dangerous according to CLP.

EUH208

2.2 Label elements

Pictogram

None

Containing substanses

-

Hazard statement Code(s)

None

Suppl. Hazard statement Code(s)

EUH208 Contains 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1). May produce an allergic reaction.

Precautionary statements

None

2.3 Other hazards

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

Does not contain an endocrine disruptor (EDC) in a concentration of ≥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)*
5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)** Index number: 613-167-00-5	55965-84-9 911-418-6 -	<0,0015	Acute tox. 3 Acute tox. 1 Skin Corr. 1 Skin Sens. 1 Eye Dam. 1 Acute tox. 2 Aquatic Acute 1 M=100 Aquatic Chronic 1 M=100	H301 H310 H314 H317 H318 H330 H400 H410 EUH071

* The full text of Hazard statement Codes is listed under section 16.
**SCL = Specific concentration limits
Eye Dam. 1; H318: C ≥ 0,6 %
Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 %
Skin Corr. 1C; H314: C ≥ 0,6 %
Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 %
Skin Sens. 1A; H317: C ≥ 0,0015 %
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.

Inhalation
Fresh air.

Skin contact
Wash with soap and water and rinse skin thoroughly.

Eye contact
Rinse immediately with water for several minutes. Remove potential contact lenses. Hold eyelids apart. Contact a doctor if the complaints persist.

Ingestion
Rinse mouth with water and drink several glasses of water. Seek medical advice if the complaints persist.

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

Inhalation: May be irritating to the respiratory system.
Skin contact: May give a slippery feeling on the skin.
Eye contact: May cause mild irritation to eyes. (Pain)
Ingestion: Ingestion may cause nausea.

SECTION 4: First aid measures (...)

4.3 Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Use extinguishing media appropriate to surrounding conditions.

5.2 Special hazards arising from the substance or mixture
Non-flammable.
Do not breathe fumes. During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters
Appropriate breathing apparatus and protective suites.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
Run risks of slipperiness. Use suitable protective equipment.

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.
Collected waste is placed in closed metal containers and disposed of as waste according to section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Run risks of slipperiness.
Normal precautions taken when handling chemicals should be observed.
Do not eat, drink or smoke while handling the product.
Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities
Store frost-free at temperatures between 5 and 25 °C, in a well-sealed 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 (AFS 2018:1/2020:6)

None established.

British limit values (EH40/2005 Workplace exposure limits)

None established.

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. Use if there is a risk of inhalation of mist.

Hand protection

For prolonged and frequent contact with the product use protective gloves. (E.g. Nitrile rubber, PVC)

Eye protection

Normally not needed.

Clothing requirements

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Semi-transparent, colorless
Odour	Odourless
Melting point/freezing point (°C):	~0
Boiling point or initial boiling point and boiling range	~100
Flammability	Not applicable
Lower and upper explosion limit	Not determined
Flash point (°C):	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	6 – 8 (Conc.)
Kinematic viscosity	Not determined
Solubility	Emulsifiable in water
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	985 kg/m^3
Relative vapour density	Not determined
Particle characteristics	Not relevant. The product is a liquid.

SECTION 9: Physical and chemical properties (...)

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.
10.3 Possibility of hazardous reactions
No known.
10.4 Conditions to avoid
No known.
10.5 Incompatible materials
No known.
10.6 Hazardous decomposition products
No known.

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
Not classified as irritant/corrosive according to CLP.
Acute toxicity
Not classified as acutely toxic according to CLP.
Toxicology data
Information about this preparation is not available.

Toxicology data for the containing components:

5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1) (55965-84-9)	LD_{50} Oral Rat, female: 2630 mg/kg LD_{50} Oral Rat, male: 3350 mg/kg LD_{50} Dermal Rabbit: >5000 mg/kg LC_{50} Inhalation Rat 4h: 0,33 mg/l Estimated acute toxicity: >5 mg/l

Specific target organ toxicity (STOT) single and repeated exposure
No known.
Routes of exposure:
Inhalation, eyes and skin, ingestion.
Allergenic potential
The product is not classified as allergenic by inhalation or skin contact but it contains 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1) that may produce an allergic reaction.
Carcinogenicity, mutagenicity and toxicity for reproduction
This product is not classified as carcinogen, mutagen or toxic for reproduction.

SECTION 11: Toxicological information (...)

Aspiration hazard
No

11.2 Information on other hazards
Does not contain an endocrine disruptor (EDC) in a concentration of ≥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.

Toxicology data for the containing components:

5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1) (55965-84-9)	LC_{50} Fish 96h: 0,19 mg/l Sp: Oncorhynchus mykiss OECD 202 LC_{50} Daphnia 48h: 0,16 mg/l Sp: Daphnia magna OECD 202 EC_{50} Algea 72h: 0,027 mg/l Sp: Pseudokirchneriella subcapitata OECD 201 NOEC Algea 72h: 0,0014 mg/l Sp: Skeletonema costatum NOEC Fish 14d: 0,05 mg/l Sp: Oncorhynchus mykiss NOEC Daphnia 21d: 0,1 mg/l Sp: Daphnia magna

12.2 Persistence and degradability
5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1) (55965-84-9) - Considered to be readily degradable. The material is not readily degradable according to OECD/EC criteria. <50% @ 10d. Atmospheric half-life: 0.38 - 1.3 d.

12.3 Bioaccumulative potential
logPow: 0.401 - 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1) (55965-84-9)

12.4 Mobility in soil
The product is emulsifiable in water.
5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1) (55965-84-9) – Koc: 28 (estimated value).

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 an endocrine disruptor (EDC) in a concentration of ≥0.1%.

12.7 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.

Disposal of Packaging
Empty and well cleaned packaging can be recycled.

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

-

14.2 UN proper shipping name

-

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

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

Classification according to Regulation (EC) No. 1907/2006 annex II and EC/2020/878. EH40/2005.

15.2 Chemical safety assessment

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SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3

H301 Toxic if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

Version 4: 2023-05-29
Safety data sheet according to Regulation (EC) No. 1907/2006 annex II and EC/2020/878.

Previous versions:
Version 1: 2013-03-26
Version 2: 2015-01-05
Version 3: 2017-02-14

Sourses
Safety data sheet provided by the manufacturer.
CLP-regulation, www.kemi.se, EH40/2005. www.echa.europa.eu (Databases)

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.