

Safety data sheet

Regulation (EC) No. 1907/2006 and (EC) 830/2015

OrganoWood® 01 Wood Protection

Date of issue: 2021-12-20

Revision 4

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

1.1 Product identifier	OrganoWood® 01 Wood Protection
1.2 Relevant identified uses of the substance or mixture and uses advised against	Surface coating of wood.
1.3 Details of the supplier of the safety data sheet	OrganoClick AB
Address	Linjalvägen 9 SE-187 66 Täby
E-mail	info@organowood.com
Telephone	+46 (0)8 674 00 80
Homepage	www.organoclick.com
1.4 Emergency telephone number	Swedish poison information (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)

The substance or mixture is not classified as dangerous according to Regulation (CE) No. 1272/2008 (CLP).

2.2 Label elements**Pictogram**

None

Signal Word: -**Containing substances**

Inorganic silicon polymer, Organic acid

Hazard statement Code(s)

None

Complementary Hazard statement Code(s)

EUH210 Safety data sheet available on request

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.

The product is an alkaline.

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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 & Category Code*	Hazard statement Code(s)*
Organic acid	- - -	< 5	Eye irrit.2	H319
Inorganic silicon polymer**	- - -	< 20	Skin Irrit.2 Eye irrit.2 STOT SE 3	H315 H319 H335

* The full text of Hazard statement Codes are listed under section 16.

The classification is based on data from the chemical supplier and www.echa.europa.eu (databases)

** According to REACH - registration of this substance, it is unclassified according to CLP due to "MW> 3.2 and Solid content <40%" The classification of the ingredient Inorganic silicon polymer is based on powder form. The company has applied for permission to use a descriptive name (generic name) in cases where CAS number or unique chemical name is not specified.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Never give fluids or induce vomiting if patient is unconscious. Keep person warm and calm. In all cases of doubt, or when symptoms persist, seek medical advice.

Inhalation

Fresh air.

Skin contact

Wash with soap and water and rinse the skin thoroughly. Contact a doctor if the complaints persist.

Eye contact

Rinse with water for several minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. Contact a doctor if the complaints persist.

Ingestion

Rinse mouth with water and drink several glasses of water or milk. Do not provoke vomiting. Contact a doctor if problems occur.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	May cause slight irritation by inhalation.
Skin contact:	May be irritating to skin. (Redness, pain)
Eye contact:	May be irritating to eyes. (Pain, redness, tearing)
Ingestion:	Ingestion of large quantities may cause nausea, vomiting, pain.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Non-flammable. Select extinguishing media appropriate to surrounding fire. Water spray, fog or mist, foam, powder, carbon dioxide.

Do not use: Strong water jet.

5.2 Special hazards arising from the substance or mixture

Not applicable. Aqueous solution. Non-combustible.

5.3 Advice for firefighters

Wear appropriate breathing apparatus and protective clothing.

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

Avoid contact with skin and eyes. Provide adequate ventilation

Can be slippery if spilled on the floor.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Contain spill with inert material. Absorb in vermiculite, dry sand or earth.

6.4 Reference to other sections

See section 7 for proper handling and storage.

For personal protection see section 8.

For disposal of spillage, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Can be slippery if spilled on the floor. Avoid contact with skin and eyes. Avoid breathing mist.

Normal precautions taken when handling chemicals should be observed.

Comply with the health and safety at work laws.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container.

Store in temperatures between 10-35 °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. Avoid formation of aerosols.

Swedish limit values or limit values according to the European commission

No exposure limits have been established.

British limit values EH40/2005 Workplace exposure limits

No exposure limits have been established.

8.2 Exposure controls

General protective and hygiene measures

Wash hands before breaks and after work.

The usual precautionary measures for the handling of chemicals have to be observed.

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 in case of creation of aerosols, wear suitable respiratory equipment approved for this purpose. (halfmask P2)

Hand protection

Use protective gloves (for ex. Nitril rubber)

When selecting gloves, several parameters should be taken into account, use, handling, break through time.

Eye protection

Wear tightly fitting protective goggles if there is a risk of direct contact or splash.

Body protection

Wear suitable protective clothing.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Clear liquid
Colour	Colorless
Odour	Odourless
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Non-flammable
Lower and upper explosion limit	Not explosive
Flash point	Non-flammable
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	10 – 11,4
Kinematic viscosity	< 50 mPas
Solubility	Completely soluble. Insoluble in most organic solvents
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	Approx 1200-1400 kg/m ³
Relative vapour density	Not determined
Particle characteristics	Not determined

9.2 Other information

Not considered to have explosive properties.

The product is not considered to have any oxidizing properties.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions

10.2 Chemical stability

Stable under recommended handling conditions

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Keep away from strong acids.

10.5 Incompatible materials

Strong acids, Zinc, Tin, Aluminium.

10.6 Hazardous decomposition products

No hazardous decomposition products known under recommended handling conditions.

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SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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

Inhalation

Not classified as irritating / corrosive by inhalation.

Skin contact

Not classified as irritating / corrosive by skin contact.

Eye contact

Not classified as irritating / corrosive to eyes.

Ingestion

Not classified as irritating / corrosive if swallowed.

Toxicology data

Information/data about this preparation is not available.

Toxicology data for the containing components:

Organic acid	LD ₅₀ Oral mouse 5400 mg/kg LD ₅₀ Dermal rat : >2000 mg/kg body weight
Inorganic silicon polymer	LD ₅₀ Oral rat: 5150 mg/kg body weight

STOT-single exposure -repeated exposure.

No known

Routes of exposure

Inhalation, eyes and skin, ingestion.

Allergenic potential

This 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 and toxic for reproduction.

Aspiration Hazard

No

11.2 Information on other hazards

No known.

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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

Organic acid	LC ₅₀ Fish 96h: 440-760 mg/l Species: Leuciscus idus EC ₅₀ Daphnia 72h: 120 mg/l IC ₅₀ Algae 8d: 80 mg/l Species: M. Aeruginosa EC ₅₀ Bacteria 16h: >10000 mg/l Species Pseudomonas putida
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12.2 Persistence and degradability

Organic acid - BOD 481 mg/g, COD 685 mg/g, 98% degraded in 2d. OECD302

12.3 Bioaccumulative potential

Organic acid - Log Pow: ≤ -1,72, Not considered to be bioaccumulative.

Inorganic silicon polymer - No bioaccumulation potential.

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. Endocrine disrupting properties

No known.

12.7 Other adverse effects

No known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This product or residues of this product are not classified as hazardous waste.

Dispose of in accordance with local authority requirements.

EWC- code: Depends on line of business and use.

Suggested EWC-code 06 02 99 wastes not otherwise specified

Disposal of Packaging

Well cleaned packaging could be left for recycling

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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

-

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 CLP (1272/2008/EC)

Reach (1907/2006/EC)

15.2 Chemical safety assessment

None.

SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

This information is provided for health and safety assessments by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation.

Sources

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

Revision 4: 2021-12-20

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

Previous revisions:

Revision 1: 2012-05-23

Revision 2, 1: 2015-11-18

Revision 2, 2: 2015-12-11

Revision 3: 2017-03-20

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SECTION 16: Other information (...)
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Abbreviations explanations

ADR: :International Carriage of Dangerous Goods by Road

BCF: Bio Concentration Factor

CAS-nr: Chemical Abstracts Service number

DNEL: Derived No Effect Level

EC₅₀: Effect Concentration

EG-nr: A substance number i EINECS, ELINCS or in No-Longer Polymers List.

IMDG: International Maritime Dangerous Goods Code.

LC₅₀: Lethal Concentration

LD₅₀: Lethal Dose

IC₅₀: Median Inhibition Concentration

NOEC: No Observed Effect Concentration

PBT-substance: Persistent, Bio accumulative and Toxic substances.

PNEC: Predicted No Effect Concentration

vPvB-substance: Very persistent and Very Bio accumulative substances.