

## Safety data sheet

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

## OrganoWood® 01 Surface coating. Flame &amp; rot protection.

Date of issue: 2017-03\*20

Revision 3

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

1.1 Product identifier	OrganoWood® 01 Surface coating. Flame & rot 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	OrganoWood AB
Address	Linjalvägen 9 SE-187 66 Täby
E-mail	info@organowood.com
Telephone	+46 (0)8 674 00 80
Producer	OrganoClick AB
Address	Linjalvägen 9 SE-187 66 Täby
Homepage	www.organoclick.com
1.4 Emergency telephone number	During office hours +46(0)10-4566700

## SECTION 2: Hazards identification

## 2.1 Classification

Classification CLP (1272/2008/EC)

The substance or mixture is not 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 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](http://www.echa.europa.eu) (databases)

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

## 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.

## Eye contact

Rinse immediately with lukewarm water for at least 5 minutes. Hold eyelids apart. 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 the complaints persist.

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

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

## 4.3 Indication of any immediate medical attention and special treatment needed

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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.

#### 5.2 Special hazards arising from the substance or mixture

Not applicable. Aqueous solution. Non-combustible.

#### 5.3 Special protective equipment

Wear appropriate breathing apparatus and protective clothing.

#### 5.4 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)

-

### 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.

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

## 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 chemical resistant protective clothing.

## SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

Form:	Clear liquid
Colour:	Colorless
Odour:	Odourless
Odour threshold:	Not determined
pH :	10 - 11,4
Melting point/freezing point (°C):	Not determined
Initial boiling point and boiling range:	Not determined
Flash point(°C):	Non-flammable
Evaporation rate(°C):	Not determined
Flammability (solid, gas):	Non-flammable
Upper flammability or explosive limits:	Not determined
Lower flammability or explosive limits:	Not determined
Vapour pressure(20°C):	Not determined
Vapour density:	Not determined
Relative density:	Approx 1200-1400 kg/m <sup>3</sup>
Solubility in water:	Completely soluble. Insoluble in most organic solvents
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	< 50 mPas
Explosive properties:	Not explosive
Oxidising properties:	Not oxidising

## 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 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 decompositions products known under recommended handling conditions.

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

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

**Inhalation**

May cause slight irritation by inhalation.

**Skin contact**

May be irritating to skin.

**Eye contact**

May cause eye irritation.

**Ingestion**

Ingestion of large quantities may cause nausea, vomiting, pain.

**Toxicology data**

Information/data about this preparation is not available.

**Toxicology data for the containing components:**

Organic acid	LD <sub>50</sub> Oral rat : ≥ 3000 mg/kg body weight
Inorganic silicon compound	LD <sub>50</sub> Oral rat: ≥ 1900 mg/kg body weight LD <sub>50</sub> Dermal rabbit: ≥ 4600 mg/kg

**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**

None.

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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 <sub>50</sub> Fish 96h: ≥ 1500 mg/l Species: Lepomis macrochirus IC <sub>50</sub> Algae 72h: ≥ 80 mg/l
Inorganic-siliconpolymer	LC <sub>50</sub> Fish 96h: ≥ 3100 mg/l (pH 10,1) Species: Brachydanio rerio, according to OECD no. 203 EC <sub>50</sub> Daphnia 48h: ≥ 4800 mg/l, Species: Daphnia magna: EC <sub>0</sub> Bacteria 48h: > 1000 mg/l, Species: Pseudomonas putida, according to OECD no. 209

#### 12.2 Persistence and degradability

Organic acid - BOD5/COD: 0,72, 97% degraded in 28 days OECD 301B

Inorganic silicon polymer - Degradation abiotic; In a aqueous solution of pH < 9 the inorganic silicon polymer is mineralized and precipitated.

The maximum concentration of soluble inorganic silicon polymer at this pH is 120 mg/l.

#### 12.3 Bioaccumulative potential

Organic acid - Log Pow: -1,72

Inorganic silicon polymer - No bioaccumulation potential. Silicon materials such as inorganic silicon polymer are used physiologically by algae, plants without retention.

#### 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

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

-

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 Transport in bulk according to Annex II of MARPOL 73/78 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)

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](http://www.kemi.se), [www.echa.europa.eu](http://www.echa.europa.eu) (Databases)

Revision 3: 2017-03-20

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

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<b>SECTION 16: Other information (...)</b>
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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

EC<sub>50</sub>: Effect Concentration

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

IMDG: International Maritime Dangerous Goods Code.

LC<sub>50</sub>: Lethal ConcentrationLD<sub>50</sub>: Lethal DoseIC<sub>50</sub>: 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.