

# Safety data sheet

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

## OrganoWood® 02. Repellent Dirt & water repellent

Date of issue: 2019-02-25

Revision 4

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

1.1 Product identifier	OrganoWood® 02. Repellent. Dirt & water repellent
1.2 Relevant identified uses of the substance or mixture and uses advised against	Water repellent wood treatment.
1.3 Details of the supplier of the safety data sheet	OrganoWood AB
Address	Linjalvägen 9 SE-187 66 Täby, Sweden
E-mail	info@organowood.com
Telephone	+46 (0)8 674 00 80
Producer	OrganoClick AB
Address	Linjalvägen 9 SE-187 66 Täby, Sweden
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

Classification CLP (1272/2008/EC)

Skin Irritation- Category 2; H315

Serious eye irritation - Category 2; H319

#### 2.2 Label elements

Pictogram



Signal Word: Warning

Containing substances

-

**Hazard statement Code(s)**

H315:Causes skin irritation.

H319 Causes serious eye irritation.

**Precautionary statements**

P102 Keep out of reach of children.

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.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

## Safety data sheet

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

## OrganoWood® 02. Repellent Dirt &amp; water repellent

Date of issue: 2019-02-25

Revision 4

## SECTION 2: Hazards identification (...)

## 2.3 Other hazards

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

## 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 silicon prepolymer.	-	1-<5	Skin Irrit 2	H315
Aminofunctional siloxane	-	1-<3	Skin Corr 1B Eye Dam. 1	H314 H318
2-(2-butoxyethoxy)ethanol IndexNr: 603-096-00-8	112-34-5 203-961-6 01-2119475104-44	0,1-<1	Eye Irrit 2	H319
Acetic acid IndexNr: 607-002-00-6	64-19-7 200-580-7	<1	Skin Corr. 1A Eye Dam. 1 Flam. Liq. 3	H314 H318 H226

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

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

The classification is based on data from the chemical supplier and [www.echa.europa.eu](http://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. Keep person warm and calm.

Never give fluids or induce vomiting if patient is unconscious.

## Inhalation

Fresh air.

## Skin contact

Wash with soap and water for several minutes and rinse the skin thoroughly. Take off all contaminated clothing and wash before reuse. Contact a doctor if the complaints persist.

## Eye contact

Rinse immediately with lukewarm water for at least 10 minutes. Hold eyelids apart. Contact a doctor if the complaints persist.

## Ingestion

Rinse mouth with water and drink several glasses of water. Contact a doctor if any complaints occur

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

**Inhalation:** May cause slight irritation by inhalation of spray / aerosol (coughing)

**Skin contact:** Causes skin irritation. (Redness, pain)

**Eye contact:** Irritating to eyes. (Pain, redness)

**Ingestion:** May cause nausea, stomach pains, vomiting if swallowed.

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

-

# Safety data sheet

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

## OrganoWood® 02. Repellent Dirt & water repellent

Date of issue: 2019-02-25

Revision 4

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Foam, powder, carbon dioxide, water spray, fog or mist.

#### 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

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

Use personal protective equipment.

Avoid contact with eyes and skin.

Provide adequate ventilation.

#### 6.2 Environmental precautions

Do not flush large amounts of concentrated product 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. Contain larger spill with inert material (vermiculite, dry sand or earth). Rinse off with plenty of water.

#### 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

Provide adequate ventilation.

Avoid contact with eyes and skin.

Normal precautions taken when handling chemicals should be observed.

Comply with the health and safety at work laws.

Wash hands before breaks and after work.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container.

Protect against frost.

#### 7.3 Specific end use(s)

-

# Safety data sheet

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

## OrganoWood® 02. Repellent Dirt & water repellent

Date of issue: 2019-02-25

Revision 4

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Appropriate engineering controls

Provide adequate ventilation.

Eyewash station should be provided.

#### Swedish limit values or limit values according to the European commission

Substance	CAS-nr	Level limit value	Short time value	Note.
2-(2-butoxyethoxy)ethanol	112-34-5	10 ppm, 68 mg/m <sup>3</sup>	15 ppm, 101 mg/m <sup>3</sup>	-
Acetic acid	64-19-7	5 ppm, 13 mg/m <sup>3</sup>	10 ppm, 25 mg/m <sup>3</sup>	-

#### DNEL

2-(2-butoxyethoxy)ethanol (112-34-5)	Short-term exposure - Worker Local effects, Inhalation: 5 ppm Long-term exposure - Worker Systemic effects, Dermal: 20 mg/kg bw/day Long-term exposure - Worker Systemic effects, Inhalation: 10 ppm Long-term exposure - Worker Local effects, Inhalation: 5 ppm Short-term exposure - Consumer Local effects, Inhalation: 7.5 mg/m <sup>3</sup> Long-term exposure - Consumer Systemic effects, Dermal: 10 mg/kg bw/day Long-term exposure - Consumer Systemic effects, Inhalation 5 mg/kg bw/day Long-term exposure - Consumer Systemic effects, Oral 1.3 mg/kg bw/day Long-term exposure - Consumer Local effects, Inhalation: 5 mg/m <sup>3</sup>
--------------------------------------	---

#### PNEC

2-(2-butoxyethoxy)ethanol (112-34-5)	1 mg/l	Freshwater
2-(2-butoxyethoxy)ethanol (112-34-5)	0,1 mg/l	Seawater
2-(2-butoxyethoxy)ethanol (112-34-5)	3,9 mg/l	Periodic emission
2-(2-butoxyethoxy)ethanol (112-34-5)	200 mg/l	STP
2-(2-butoxyethoxy)ethanol (112-34-5)	4,0 mg/kg d.w	Sediment (freshwater)
2-(2-butoxyethoxy)ethanol (112-34-5)	0,4 mg/kg d.w	Sediment (seawater)
2-(2-butoxyethoxy)ethanol (112-34-5)	0,4 mg/kg d.w	Soil

## Safety data sheet

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

## OrganoWood® 02. Repellent Dirt &amp; water repellent

Date of issue: 2019-02-25

Revision 4

## 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**

Not normally required. In cases of risk of inhalation of spraymist, wear suitable respiratory equipment approved for this purpose.

**Hand protection**

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

**Eye protection**

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

**Body protection**

Wear chemical resistant protective clothing.

## SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

Form:	Liquid emulsion
Colour:	White / Transparent
Odour:	Sweetish
Odour threshold:	Not determined
pH :	3,-5
Melting point/freezing point (°C):	Not determined
Initial boiling point and boiling range:	Ca 100 (water)
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(20°C):	Not determined
Vapour density:	Not determined
Relative density:	~ 900 kg/m <sup>3</sup>
Solubility in water:	Soluble
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	1 – 3 mPa.s (Method: spindle SC4-18, 200 RPM)
Explosive properties:	Not determined
Oxidising properties:	Not determined

## 9.2 Other information

None

## Safety data sheet

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

## OrganoWood® 02. Repellent Dirt &amp; water repellent

Date of issue: 2019-02-25

Revision 4

## SECTION 10: Stability and reactivity

**10.1 Reactivity**

Stable under recommended storage and handling conditions

**10.2 Chemical stability**

Stable under recommended storage and handling conditions.

**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**

At hydrolysis: Ethanol.

## 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 of spray / aerosol.

**Skin contact**

Causes skin irritation.

**Eye contact**

Irritating to eyes.

**Ingestion**

May cause nausea, stomach pains, vomiting if swallowed.

**Toxicology data**

Information/data about this preparation is not available.

**Toxicology data for the containing components:**

2-(2-butoxyethoxy)ethanol (112-34-5)	LD <sub>50</sub> Oral Mouse: 2410 mg/kg LD <sub>50</sub> Oral Rat: 3305 mg/kg LD <sub>50</sub> Dermal Rabbit: 2764 mg/kg
Organic silicon prepolymer.	LD <sub>50</sub> Oral Rat: >5110 mg/kg LD <sub>50</sub> Dermal Rabbit: 6730 mg/kg LC <sub>50</sub> Inhalation Rat 4h: >0,25 mg/l. No mortality at the specified dose.

# Safety data sheet

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

## OrganoWood® 02. Repellent Dirt & water repellent

Date of issue: 2019-02-25

Revision 4

### SECTION 11: Toxicological information (...)

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

### 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

2-(2-butoxyethoxy)ethanol (112-34-5)	LC <sub>50</sub> Fish 96h: 1300 mg/l EC <sub>50</sub> Daphnia 48h: >1000 mg/l EC <sub>50</sub> Algea 96h: >100 mg/l EC <sub>50</sub> Bacteria: 255 mg/l
Organic silicon prepolymer.	LC <sub>50</sub> Fish 96h: >0,055 mg/l effect level > maximum achievable concentration EC <sub>50</sub> Daphnia 48h: >0,049 mg/l effect level > maximum achievable concentration EC <sub>50</sub> Algea 96h: >0,13 mg/l effect level > maximum achievable concentration

#### 12.2 Persistence and degradability

Aminofunctional siloxane– Not biodegradable

Acetic acid (64-19-7)- Readily biodegradable

2-(2-butoxyethoxy)ethanol (112-34-5)- Readily biodegradable

#### 12.3 Bioaccumulative potential

2-(2-butoxyethoxy)ethanol (112-34-5)--Not expected to bioaccumulate.

#### 12.4 Mobility in soil

No data available.

#### 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.

# Safety data sheet

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

## OrganoWood® 02. Repellent Dirt & water repellent

Date of issue: 2019-02-25

Revision 4

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Disposal of this material must be in accordance with your local or area regulatory authorities. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

#### Disposal of Packaging

Well cleaned packaging could be left for recycling

### 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

-

### 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.



# Safety data sheet

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

## OrganoWood® 02. Repellent Dirt & water repellent

Date of issue: 2019-02-25

Revision 4

### SECTION 16: Other information

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

H226 Flammable liquid and vapour.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H319 Causes serious eye 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 4:** 2019-02-25

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

Revision 3: 2017-10-27 Changes in recipe.

Revision 2,1: 2017-06-25 Changes have been made in section 9

Revision 2: 2017-03-16 Changes have been made in section 1, 3, 9, 16.

Revision 1: 2015-12-16

#### 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 Einescs, Elincs or in No-Longer Polymers List.

IMDG: International Maritime Dangerous Goods Code.

LC<sub>50</sub>: Lethal Concentration

LD<sub>50</sub>: Lethal Dose

IC<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.