

Safety data sheet

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

OrganoWood® 02. Surface protection

Date of issue: 2022-01-04

Revision 5,1

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

1.1 Product identifier	OrganoWood® 02. Surface protection
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	OrganoClick AB
Address	Linjalvägen 9 SE-187 66 Täby, Sweden
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)

Skin Irritation- Category 2; H315

Serious eye irritation - Category 2; H319

2.2 Label elements**Pictogram****Signal Word:** Warning**Containing substances**

Aminofunctional siloxane

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.

2.3 Other hazards

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

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SECTION 3: Composition/information on ingredients**3.2 Mixtures:**

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.

** SCL –Specific concentration limits.

Eye Irrit. 2; H319: $10\% \leq C < 25\%$ Skin Corr. 1A; H314: $C \geq 90\%$ Skin Corr. 1B; H314: $25\% \leq C < 90\%$ Skin Irrit. 2; H315: $10\% \leq C < 25\%$

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 (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

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SECTION 4: First aid measures (...)

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:	Causes eye irritation. (Pain, redness)
Ingestion:	May cause nausea, stomach pains, vomiting if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

Do not use: Strong water jet.

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 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

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.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment.

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 the product in the original container tightly closed in a dry, cool and well-ventilated area.

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.

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 ³	15 ppm, 101 mg/m ³	-
Acetic acid	64-19-7	5 ppm, 13 mg/m ³	10 ppm, 25 mg/m ³	-

British limit values EH40/2005 Workplace exposure limits

Substance	CAS-nr	Long-term exposure limit	Short-term exposure limit	Comments
2-(2-Butoxyethoxy) ethanol	112-34-5	10 ppm 67,5 mg/m ³	15 ppm 101,2 mg/m ³	-
Acetic acid	64-19-7	10 pp 25 mg/m ³	20 ppm 50 mg/m ³	-

DNEL

2-(2-butoxyethoxy)ethanol (112-34-5)	Long-term exposure - Workers Systematic effects, Inhalation: 67.5 mg / m ³ Long-term exposure - Workers Systematic effects, Dermal: 20 mg / kg Short-term exposure- Consumer Local effects, Inhalation: 50.6 mg / m ³ Long-term exposure - Consumer Systemic effects, Inhalation: 34 mg / m ³ Long-term exposure - Consumer Local effects, Inhalation: 34 mg / m ³ Long-term exposure - Consumer Systemic effects, Dermal: 10 mg / kg
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SECTION 8: Exposure controls/personal protection (...)

DNEL

Acetic acid (64-19-7)	Long-term exposure - Workers Local effects, Inhalation: 25 mg / m ³ Short-term exposure - Workers Local effects, Inhalation: 25 mg / m ³ Short-term exposure - Consumers Local effects, Inhalation: 25 mg / m ³ Long-term exposure - Consumers Local effects, Inhalation: 25 mg / m ³
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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)
Acetic acid (64-19-7)	3,058 mg/l	Freshwater
Acetic acid (64-19-7)	305,8 µg/l	Seawater
Acetic acid (64-19-7)	30,58 mg/l	STP
Acetic acid (64-19-7)	11,36 mg/l	Sediment (Freshwater)
Acetic acid (64-19-7)	1,136 mg/l	Sediment (Seawater)
Acetic acid (64-19-7)	470 µg/kg	Soil

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. (Eg. Nitrile rubber, PVC)

Eye protection

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

Body protection

Wear chemical resistant protective clothing.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid emulsion
Colour	White / transparent
Odour	Sweetish
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	~ 100 (water)
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	3-5
Kinematic viscosity	1 - 3 mPa.s (measurement method: spindle SC4-18, 200 RPM)
Solubility	Soluble in water
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	Ca 900 kg/m ³
Relative vapour density	Not determined
Particle characteristics	Not determined

9.2 Other information: No further information.

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.

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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

Irritant.

Eye contact

Irritant.

Ingestion

Not classified as irritating / corrosive 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 ₅₀ Oral Mouse: 2410 mg/kg LD ₅₀ Oral Rat: 6600 mg/kg LD ₅₀ Dermal Rabbit: 2764 mg/kg LC ₅₀ Inanding Råtta: >29 ppm
Acetic acid (64-19-7)	LD ₅₀ Oral Rat: 3310 mg/kg
Organic silicon prepolymer.	LD ₅₀ Oral Rat: >5110 mg/kg LD ₅₀ Dermal Rabbit: 6730 mg/kg LC ₅₀ Inhalation Rat 4h: >0,25 mg/l. No mortality at the specified dose.

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

2-(2-butoxyethoxy)ethanol (112-34-5)	LC ₅₀ Fish 96h: 2700 mg/l LC ₅₀ Fish 96h: 1300 mg/l Art: Lepomis macrochirus EC ₅₀ Daphnia 48h: >1000 mg/l EC ₅₀ Algea 96h: >100 mg/l
Acetic acid (64-19-7)	LC ₅₀ Fisk 96h: >300.8 mg/l EC ₅₀ Daphnia 48h: >300.8 mg/l ErC ₅₀ Algea 72h: >300,8 mg/l NOEC Fisk 96h: 300,8 mg/l NOEC Algea 72h: 300.8 mg/l
Organic silicon prepolymer.	LC ₅₀ Fish 96h: >0,055 mg/l effect level > maximum achievable concentration EC ₅₀ Daphnia 48h: >0,049 mg/l effect level > maximum achievable concentration EC ₅₀ 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

Acetic acid (64-19-7)- No bioaccumulation

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. Endocrine disrupting properties

No known.

12.7 Other adverse effects

No known.

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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.

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 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.

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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.
H318 Causes serious eye damage.
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, www.echa.europa.eu (Databases) EH40/2005

Revision 5,1: 2022-01-04 Changes are made in section 13.

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

Revision 4: 2019-02-25

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

Revision 5: 2021-12-22

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.