

Wash-In Textile Waterproofing

Date: 2022-10-14

Version 4

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

1.1 Product identifier	Wash-In Textile Waterproofing
UFI	1GN3-M9Q4-D00X-EVNP
1.2 Relevant identified uses of the substance or mixture and uses advised against	Water repellent treatment for textiles.
1.3 Details of the supplier of the safety data sheet	OrganoClick AB
Address	Linjalvägen 9, SE-187 66 Täby , Sweden
Homepage	www.organoclick.com
E-mail	info@organoclick.com
Telephone	+46 (0)8 674 00 80
1.4 Emergency telephone number	UK: 111 or 0845 46 47 Ireland: National Poisons Information Centre: 018092166 (8 am to 10 pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification CLP (1272/2008/EC)

Serious eye irritation - Category 2; H319

2.2 Label elements

Pictogram



Signal Word: Warning

Containing substances

Zirconium acetate

Hazard statement Code(s)

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

2.3 Other hazards

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

Wash-In Textile Waterproofing

Date: 2022-10-14

Version 4

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)*
n-Octyltriethoxysilan	2943-75-1 - -	1-<5	Flam. Liq. 3 Skin Irrit 2	H226 H315
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6 01-2119475104-44	1-<5	Eye Irrit. 2	H319
Zirconium acetate	7585-20-8 231-492-7 01-2119978240-38	1-<3	Eye Dam1	H318
Acetic acid 60%*	64-19-7 200-580-7 01-2119475328-30	1-<5	Flam. Liq. 3 Eye Dam1 Skin Corr. 1A	H226 H318 H314

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

** SCL Specific concentration limits

Eye Irrit. 2; H319: 10 % ≤ C < 25 %

Skin Corr. 1A; H314: C ≥ 90 %

Skin Corr. 1B; H314: 25 % ≤ C < 90 %

Skin Irrit. 2; H315: 10 % ≤ C < 25 %

The classification is based on data from the chemical supplier and 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 for several minutes and rinse the skin thoroughly.

Eye contact

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

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Vapour/spray may be slightly irritating if inhaled. (Cough)

Skin contact: Prolonged skin contact could cause skin irritation. (Redness, pain)

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

Ingestion: Ingestion may cause nausea, vomiting and pain.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Wash-In Textile Waterproofing

Date: 2022-10-14

Version 4

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray, fog or mist, foam, powder, carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Do not breath fumes as during fire, hazardous fumes may be formed.

5.3. Advice for firefighters

Use an appropriate breathing apparatus and protective suites.

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

Ensure suitable personal protection.

Avoid contact with eyes.

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. Absorb in vermiculite, dry sand or earth. Place in container for disposal according to local regulations. Flush afterwards with 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

Ensure suitable personal protection.

Avoid contact with eyes.

Normal precautions taken when handling chemicals should be observed.

Comply with the health and safety at work laws.

Wash hands during work breaks and at the end of the shift.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container.

Keep in frost free area.

7.3 Specific end use(s)

-

Wash-In Textile Waterproofing

Date: 2022-10-14

Version 4

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Appropriate engineering controls

Ensure good ventilation through spot extraction or general good airflow.

Eyewash station should be provided.

Swedish limit values or limit values according to the European commission

Substance	CAS-no	Level limit value	Short time value	Note
Dietylenglykolmonobutyleter	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)

Substance	CAS-no	Long-term exposure limit (8 hours)	Short-term exposure limit (15 min)	Comment
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 ppm 25 mg/m ³	20 ppm 50 mg/m ³	-

DNEL

Zirconium acetate (7585-20-8)	Long term effects – Workers Systemic effects, Dermal: 3,33 mg/kg bodyweight/day Long term effects, Workers Systemic effects, Inhalation: 23,51 mg/m ³ Long term effects – Consumers Systemic effects, Oral: 1,67 mg/kg bodyweight/day Long term effects, Consumers Systemic effects, Inhalation: 5,8 mg/m ³ Long term effects, Consumers Systemic effects, Dermal: 1,67 mg/kg bodyweight/day
2-(2-butoxyethoxy)ethanol (112-34-5)	Long term effects – Workers Systemic effects, Inhalation: 67,5 ppm Long term effects – Workers Systemic effects, Dermal: 20 mg/kg Short term effects – Consumers Local effects, Inhalation: 50,6 mg/m ³ Long term effects – Consumers Systemic effects, Inhalation: 34 mg/m ³ Long term effects – Consumers Local effects, Inhalation 34 mg/m ³ Long term effects – Consumers Systemic effects, Dermal 10 mg/m ³

PNEC

2-(2-butoxyethoxy)ethanol (112-34-5)	1 mg/l	Freshwater
2-(2-butoxyethoxy)ethanol (112-34-5)	0,1 mg/l	Saltwater
2-(2-butoxyethoxy)ethanol (112-34-5)	3,9 mg/l	Periodic emission
2-(2-butoxyethoxy)ethanol (112-34-5)	200 mg/l	Wastewater treatment plant
2-(2-butoxyethoxy)ethanol (112-34-5)	4,0 mg/kg	Sediment (freshwater)
2-(2-butoxyethoxy)ethanol (112-34-5)	0,4 mg/kg	Sediment (saltwater)

Wash-In Textile Waterproofing

Date: 2022-10-14

Version 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

Normally not needed. In inadequately ventilated places or in case of creation of aerosols, wear suitable respiratory equipment approved for this purpose.

Hand protection

Protective gloves made of (e.g PVC or Nitril) are recommended.

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.

Body protection

Wear chemical resistant protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid emulsion
Colour:	Light yellow/White
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	2,8-3,2 (konc)
Kinematic viscosity	6-9 mPa.s (Brookfield LV spindle LV1, 200 RPM)
Solubility	Dilutable in water
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	~ 1000 kg/m ³
Relative vapour density	Not determined
Particle characteristics	Not determined

9.2 Other information

No specific.

Wash-In Textile Waterproofing

Date: 2022-10-14

Version 4

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

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

May release ethanol upon hydrolysis.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

Inhalation

Not classified as irritating / corrosive by inhalation according to CLP.

Skin contact

Not classified as irritating / corrosive in contact with skin according to CLP.

Eye contact

Irritant.

Ingestion

Not classified as irritating / corrosive if swallowed according to CLP.

Toxicology data

Information/data about this preparation is not available.

Toxicology data for the containing components:

Zirconium acetate (7585-20-8)	LD ₅₀ Oral rat: >100 mg/kg LD ₅₀ Dermal rat: > 2000 mg/kg NOAEL Oral rat 90d: >1000 mg/kg bw
2-(2-butoxyethoxy)ethanol (112-34-5)	LD ₅₀ Oral rat: 6600 mg/kg
n-Octyltriethoxysilan (2943-75-1)	LD ₅₀ Oral rat: >= 5100 mg/kg OECD 401 LD ₅₀ Dermal rabbit: 6730 mg/kg OECD 402 LC ₅₀ Inhaled rat 4h (Vapour): >0,25 mg/l (No mortality at the specified dose.) OECD 403

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.

11.2. Information on other hazards

No known.

Wash-In Textile Waterproofing

Date: 2022-10-14

Version 4

SECTION 12: Ecological information

This product is not classified as dangerous for the environment.

Prevent uncontrolled release into sewage system.

12.1 Toxicity

Information about this preparation is not available.

Toxicology data for the containing components

Zirconium acetate (7585-20-8)	LC ₅₀ Fish 96h: >100 mg/l EC ₅₀ Daphnia 48h: >100 mg/l EC ₅₀ Algae 96h: >100 mg/l
Acetic acid 60% (64-19-7)	LC ₅₀ Fish 96h: 75 mg/l
2-(2-butoxyethoxy)ethanol (112-34-5)	LC ₅₀ Fish 96h: 2700 mg/l EC ₅₀ Daphnia 48h: >1000 mg/l
n-Octyltriethoxysilan (2943-75-1)	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 Algae 96h: >0,13 mg/l effect level > maximum achievable concentration

12.2 Persistence and degradability

Zirconium acetate (7585-20-8)- readily biodegradable

Acetic acid 60% (64-19-7)-readily biodegradable

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

12.3 Bioaccumulative potential

Zirconium acetate(7585-20-8) - Not expected to bioaccumulate.

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

n-Octyltriethoxysilan (2943-75-1)- Not expected to bioaccumulate.

12.4 Mobility in soil

No information 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.

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.

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

Disposal of Packaging

Well cleaned packaging could be left for recycling

Wash-In Textile Waterproofing

Date: 2022-10-14

Version 4

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

-

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:

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)

Version 4: 2022-10-14, Changes made in section 1.4; 11. 12. & 16. Safety data sheet according to Regulation (EC) No. 1907/2006 annex II (EC/2020/878)

Version 3: 2022-09-28, Changes made in section 4.3; 8.1; 11.1 & 16. Safety data sheet according to Regulation (EC) No. 1907/2006 annex II (EC/2020/878)

Version 2: 2019-10-29, Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 830/2015.

Version 1: 2017-09-07

Wash-In Textile Waterproofing

Date: 2022-10-14

Version 4

SECTION 16: Other information (...)
--

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.