



Registered trading name: **BASWA Protect**

Version: 1.
Revised on: 28.06.2018

Product. no.: a035

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SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier:

Water-repellent, surface protection

CAS number: 17980 -47-1

ELINCS number: 402 -810-3

Index number: 014-007-00-1

1.2 Relevant identified use of the substance or mixture and uses advised against:

No further relevant information available.

1.3 Information on the supplier providing the safety data sheet:

BASWA acoustic AG Street

/ PO Box:

Marmorweg 10

National code/Postal code/location: CH-6283 Baldegg / Switzerland

Phone: +41 41 914 02 22

Fax: +41 41 914 02 20

E-mail: info@baswa.com

Contact point for technical information:

BASWA acoustic AG

E-mail: msds@baswa.com, Phone: +41 41 914 02 11

1.4 Emergency phone number:

Swiss Toxicological Information Centre (24 hr service): Switzerland: 145.

Worldwide: 41 44 251 51 51

SECTION 2. POSSIBLE HAZARDS:

2.1. The classification of the substance or the mixture:

Classification in accordance with EC Regulation no. 1272/2008

The substance has been classified and labelled in accordance with the CLP directive.

Hazard pictogrammes:

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2.2 Labelling elements:

As per Regulation (EC) no. 1272/2008 (CLP)/GHS (Global harmonized system) Hazard pictogrammes:

Signal word:

Safety note(s):

P280 Wear protective gloves
P264 Wash thoroughly after use.
P321 Special treatment (see on this label)
P332+P313 In the event of skin irritation: Seek medical advice/medical assistance
P302+P352 IN THE EVENT OF CONTACT WITH THE SKIN: Wash with plenty of water
P362+P364 Remove contaminated clothing and wash before wearing again

Additional information:

P101 If medical advice is required, keep packaging or identification labels ready
P102 Keep out of reach of children P103
Read the label before use

2.3 Other hazards:

Results of PTB and vPvB testing

PBT: Not applicable
vPvB: Not applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS:

3.1 Chemical characterisation: Substances

CAS No. designation

17980-47-1 Triethoxyisobutylsilan

Identification number(s)

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SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures:

After eye contact:

In the event of eye contact, rinse with plenty of water. Hold eyelids open for at least 10 minutes and rinse. Consult a doctor.

After inhalation:

If vapours/aerosols arise in the processing and there is inhaled exposure: Get fresh air; consult doctor in case of symptoms.

After skin contact:

Immediately wash off with soap and water and rinse off well. Consult a doctor in case of continuing skin irritation.

After swallowing:

Wash out mouth with water and spit out.
Drink plenty of water. Do not stimulate vomiting.

4.2. The major acute and delayed symptoms and effects:

None known.

4.3 Notes on emergency medical care or special treatment:

None known.

SECTION 5. FIRE-FIGHTING MEASURES:

5.1 Extinguishing agents:

Suitable extinguishing agents:

Water spray, extinguishing powder, CO₂, foam.

5.2 Special hazards arising from the substance or mixture:

No further relevant information available

5.3 Notes on fire-fighting: No

special measures required

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SECTION 6 MEASURES IN CASE OF ACCIDENTAL RELEASE:

- 6.1 Personal precautions, protective equipment and procedures in the event of an emergency:**
Not required
- 6.2 Environmental protection measures:**
The product may not reach the sewerage system or water courses.
- 6.3 Methods and materials for retention and cleaning:**
Mechanical cleaning. Use absorbent materials (sand, diatomite, universal binder, sawdust, etc.)
- 6.4 Reference to other sections:**
SECTION 8
SECTION 13
SECTION 7
- 6.5 Additional indications:**
None.

SECTION 7 HANDLING AND STORAGE:

- 7.1 Protective measures for safe handling:**
- 7.1 Information on safe handling:**
With proper handling, no special information is required.
- 7.1.2 Information on fire and explosion protection:**
Not applicable - product is not flammable. No measures required.
- 7.1.3 More details:**
None.
- 7.2 Conditions for safe storage under consideration of incompatibilities:**



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7.2.1 Requirements for storage rooms and containers:

Store in the original containers only. Keep containers tightly closed.

7.2.2 Information on combined storage:

No measures required.

7.2.3 Storage Class:

LGK 12 – no flammable liquids

7.2.4 Special application:

None.

7.3 Specific end-use(s):

None known.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

8.1 Parameters to be monitored:

8.1.1 Workplace limits:

Components with limit values that must be monitored with regard to the workplace:

not applicable

PNEC values

Fresh water: 0.17 mg/l

Sea water: 0.017 mg/l

Sediment (fresh water): 14.0 mg/kg dry weight

Sediment (sea water): 1.4 mg/kg dry weight

8.2 Monitoring of exposure:

8.2.1 General protection and hygiene measures

Keep away from food, drinks and feeds. Immediately remove any soiled, contaminated clothing.

Wash hands before breaks and at the end of work. Avoid contact with the skin.

Avoid any contact with the eyes or the skin.

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Respiratory protection:

In the event of dust/vapours/aerosols or in the case of exceeding of limit values (e.g. MAK or AGW): Wear respiratory protection device with a suitable filter (filter type ABEK) or ambient air independent protective respiratory device.
Only use respiratory protection devices with CE marking including four-digit test number.

Hand protection:



Wear protective gloves.

Eye protection:

Safety glasses

Body protection:

Not required with proper handling.

8.2.2 Measures for protecting against exposure:

Wash hands before breaks, after completion of the work and before using sanitary facilities. A fatty skin cream is recommended for skin care.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the most important physical and chemical properties:

9.1.1 Appearance:

Form: liquid
Colour: not determined
Odour: characteristic

9.1.2 Safety-related data:

PH value: ~ 4
Change of state
Melting point / freezing point: not determined
Initial boiling point and boiling range: > 100°C



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Flashpoint:

Ignition temperature: not determined
not determined

Decomposition temperature: not determined.

Auto-ignition temperature: not determined.

Explosive properties: The product is not explosive.

Explosion limits:

Lower: 0.39 vol % (DIN 51649) **Upper:**
8.47 vol % (DIN 51649)

Vapour pressure: not determined.

Density at 20°C: 1.01 g/cm³ (DIN 51757)

Relative density not determined.

Vapor density not determined.

Evaporation rate cannot be determined.

Solubility in / Miscibility with

Water: Hydrolysed.

Distribution coefficient:n-octanol/water: not determined.

Viscosity:

- **Dynamic:** not determined -

Kinematically: not determined - **Organic**

solvents: 0.0 %.

9.2 Other information:

No further relevant information available.



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SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity:

No further relevant information available.

10.2 Chemical stability:

Heat, flames and sparks must be avoided.

10.3 Possibility of dangerous reactions:

None.

10.4 Conditions to avoid:

Protect from frost and heat. See section 7.

10.5 Incompatible materials: Water

10.6 Hazardous decomposition products:

Ethanol during hydrolysis

No known hazardous decomposition products.

SECTION 11 TOXICOLOGICAL INFORMATION:

Acute toxicity

The available data do not give rise to any classification criteria.

- Classification-relevant LD/LC50 values:		
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Oral	LD	> 5000 mg/kg (advice)
Dermal	50	> 2000 mg/kg (advice)

Primary irritant effect:

Caustic / irritant effect on the skin

Causes skin irritation

Serious eye injury/irritation

The available data do not give rise to any classification criteria.



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Respiratory tract / skin sensitisation

The available data do not give rise to any classification criteria.

CMR effects (carcinogenicity, mutagenicity and reproductive toxicity)

Germ cell mutagenicity

The available data do not give rise to any classification criteria.

Carcinogenicity

The available data do not give rise to any classification criteria.

Reproduction toxicity

The available data do not give rise to any classification criteria.

Specific target organ toxicity in a single exposure

The available data do not give rise to any classification criteria. **Specific target organ toxicity in the case of repeated exposure** The available data do not give rise to any classification criteria.

Risk of aspiration

The available data do not give rise to any classification criteria.

SECTION 12 Environmental information:

12.1 Aquatic toxicity:

LC50: 85 mg/l/96h (Oncorhynchus mykiss) (OECD 203) EC50 > 49.1 mg/l/48h (Daphnia magna) (OECD 202)

NOEC > 36 mg/l/72h (Desmodesmus subspicatus) (OECD 201)

12.2 Persistence and degradability:

Exposure time: 28 d

Result: 75 % easily biodegradable Method:

OECD 301 D

No further relevant information available.

12.3 Bioaccumulative potential: Not applicable

12.4 Mobility in the soil:

Adsorption on the ground: Low

No further relevant information available.

12.5 Other adverse effects:



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Water hazard class 1 (self-classification): slightly water hazardous
Do not discharge undiluted or in large amounts into the drains, the ground water or open water.

12.6 Results of PTB and vPvB testing

PBT: Not applicable
vPvB: Not applicable

SECTION 13 INFORMATION REGARDING DISPOSAL

13.1 Waste treatment methods:

Disposal / waste (product):

Must not be disposed of together with household waste. Do not discharge into the drains.

Packaging:

Uncleaned empty containers are to be disposed of in the same way as the product.

SECTION 14 INFORMATION REGARDING TRANSPORT

14.1 UN Number:

Not applicable

14.2 Proper UN shipping name:

Not applicable

14.3 Transport hazard class(s):

Road transport (ADR/RID/GGVSE): Not dangerous goods



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Carriage by inland waterway Not dangerous goods **transport (ADNR):**

Maritime transport (IMDG Not dangerous goods **Code/GGVSee):**

Transport in air transport (ICAO Not dangerous goods
IATA/DGR)

14.4 Packaging group:
not applicable

14.5 Environmental hazards:
None

14.6 Special precautions for the user:
Not regulated.

14.7 Bulk transport in accordance with Annex II of the MARPOL 73/78 Convention and in accordance with the IBC Code:
Not regulated.

SECTION 15 INFORMATION ON THE LEGAL REGULATIONS:

15.1 Safety evaluation:
Provisions relating to safety, health and environmental protection/specific legislation for the substance or mixture
REGULATION (EC) NO 1907/2006 ANNEX XVII Conditions of restriction: 3. **National regulations:**

Water hazard class: WHC 1 (self-classification): slightly water hazardous

15.2 Chemical safety assessment:

A chemical safety assessment has not been carried out.



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15.2.1 Specific labelling provisions for special preparations:

Not applicable

15.2.2 Information on labelling:

None.

15.3 EU regulations:

Regulation (EC) No 1272/2008 (CLP Regulation) OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of 16. December 2008 on the classification, labelling and packaging of substances and mixtures.

Directive 67/548/EEC of 27 June 1967 on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

Directive 1999/45/EEC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of 31 May 1999 on the approximation of the laws, regulations and administrative provisions of the member states relating to the classification, packaging and labelling of dangerous preparations.

Directive (EC) No. 1907/2006 (REACH) OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of 18 December 2006 on the registration, evaluation, approval and restriction of chemical substances.

Regulation (EU) No 453/2010 of the Commission of 20 May 2010.

SECTION 16 OTHER INFORMATION:

This information only describes the safety requirements of the product or products and is based on our present knowledge. It does not constitute a warranty of properties of the product or products described within the meaning of the statutory warranty provisions. Properties of the product can be found in the respective product data sheets.

Abbreviations and acronyms:

Skin Irrit. 2: Irritating to the skin / caustic effect - Category 2



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Information on instructions for use:

More information about uses that comply with requirements can be found in the technical data sheet.

Recommended restrictions for use:

The material is usually processed by certified staff from BASWA.

Additional information:

More information can be obtained from: msds@baswa.com, (Paragraph: 1.3).

Data sources:

The safety data sheets of the materials used and of the product corresponds to the current level of knowledge.

TRGS 200

Directives 67/548/EEC; 91/155/EEC; 98/8/EC; 98/24/EC; 1999/45/EC;
2004/73/EC;

2006/8/EC; 1907/2006/EC

Regulation (EU) 453/2010/EC

Regulation (EC) no. 1272/2008/ GHS (Global harmonised system)

Data that has changed from the previous version:

First version after coming into force of Directive 1907/2006/EC (REACH Regulation).

EXCLUSION OF LIABILITY:

The information in this safety data sheet is based on sources, technical knowledge and the current legislation. The details are only meant to be a sort of orientation for the safe handling, use, processing, storage, transport, disposal and release and must not be perceived as a guarantee or assurance of quality. The information shall relate only to the particular identified material and may have no validity, if this material is used in combination with other materials or in a process, unless it is noted in the text. The specified data correspond to our current state of knowledge and do not guarantee the properties. The customers of our product are responsible for observing, the relevant legislation and regulations.