

Sport Softener

Date of issue 2019-05-23

Version 3

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

1.1 Product identifier	Sport softener
Artikelnummer	695010
1.2 Relevant identified uses of the substance or mixture and uses advised against	Softener
1.3 Details of the supplier of the safety data sheet	Washologi AB
Address	Box 8074 SE-163 08 SPÅNGA Sweden
Telephone	+46 708 341116
Homepage/E-mail	www.washologi.se/info@washologi.se
1.4 Emergency telephone number	+46 (0)8-331231 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)

Not classified as dangerous according to CLP.

2.2 Label elements:

Pictogram

None

Signal Word: -

Containing substances

-

Hazard statement Code(s)

None

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.

Labelling according to Regulation (EC) No 648/2004

Non-ionic surfactant <5%,

Preservation Agent (Methylisothiazolinone, Benzisothiazolinone, Phenoxyethanol) < 5%,

Perfume: Hexyl Cinnamal, Geraniol, Citronellol <5%

Sport Softener

Date of issue 2019-05-23

Version 3

SECTION 3: Composition/information on ingredients
--

3.2 Chemical composition: Mixture

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Polydimethylsiloxan, diquatär	polymer	1-3	Aquatic Chronic 3	H412
Isotridecanoethoxylate (1)**	69011-36-5 Polymer -	≤ 1	Eye Dam. 1	H318
Isotridecanoethoxylate (2)**	69011-36-5 Polymer -	≤ 1	Acute Tox. 4 Eye Dam. 1	H302 H318
2-(2-butoxiethoxy)etanol	112-34-5 203-961-6 01-2119475104-44	≤ 1	Eye Irrit. 2	H319

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

** SCL= Specific concentration limits.

Composition Comments

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

The classification is based on information from the chemical supplier and <http://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.

Inhalation

Fresh air.

Skin contact

Wash with soap and water and rinse skin thoroughly.

Eye contact

Rinse immediately with water for at least five minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. Seek medical advice if the complaints persist.

Ingestion

Rinse mouth and immediately give plenty of milk or water to drink. Seek medical advice if the complaints persist.

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

Inhalation: This product is not considered to be irritating if inhaled.

Skin contact: May have degreasing effect on the skin with prolonged, direct contact with concentrated product.

Eye contact: May be irritating to eyes. (Pain, redness)

Ingestion: Ingestion may cause discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Sport Softener

Date of issue 2019-05-23

Version 3

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

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

Use an appropriate breathing apparatus and protective suits.

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

Run risks of slipperiness.

6.2 Environmental precautions

Do not flush larger amounts 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.

Larger spill: Contain spill with inert material. Absorb in vermiculite, dry sand or soil.

Rinse with plenty of water.

6.4 Reference to other sections

For handling and storage, see section 7.

For personal protection, see section 8.

For disposal of spillage, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Normal precautions taken when handling chemicals should be observed.

Handle and dose according to the instructions on the package

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

7.3 Specific end use(s)

-

Sport Softener

Date of issue 2019-05-23

Version 3

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Appropriate engineering controls

Provide adequate ventilation.

Exposure limits

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

Substance	CAS-no	Level limit value	Ceiling limit value	Short time value
2-(2-butoxyethoxy)ethanol	112-34-5	10 ppm 68 mg/m ³	-	15 ppm 101 mg/m ³

DNEL

2-(2-butoxyethoxy)ethanol (112-34-5)	Short term exposure - Workers Local effects, inhalation: 101.2 mg/m ³ Long term exposure - Workers Systematic effects, dermal: 83 mg/kg bw/d Long term exposure – Workers Local effects, inhalation: 67,5 mg/m ³ , 10 ppm Long term exposure – Workers Systematic effects, inhalation: 67,5 mg/m ³ , 10 ppm Long term exposure – Consumers Local effects, inhalation: 40,5 mg/kg Long term exposure – Consumers Systematic effects, inhalation:40,5 mg/kg Short term exposure - Consumers Local effects, inhalation: 60,7 mg/m ³ Long term exposure – Consumers Systematic effects, dermal: 50 mg/kg bw/d
--------------------------------------	--

PNEC

2-(2-butoxyethoxy)ethanol (112-34-5)	4,4 mg/kg	Sediment (Freshwater)
2-(2-butoxyethoxy)ethanol (112-34-5)	0,11 mg/l	Seawater
2-(2-butoxyethoxy)ethanol (112-34-5)	0,44 mg/kg	Sediment (Seawater)
2-(2-butoxyethoxy)ethanol (112-34-5)	1,1 mg/l	Freshwater
2-(2-butoxyethoxy)ethanol (112-34-5)	200 mg/l	Sewage Treatment Plant
2-(2-butoxyethoxy)ethanol (112-34-5)	0,32 mg/kg	Soil
2-(2-butoxyethoxy)ethanol (112-34-5)	11 mg/l	Intermittent releases

8.2 Exposure controls:

General protective and hygiene measures

Wash hands before breaks and after work. Handle in accordance with good industrial hygiene and safety practice.

Individual protection measures, such as personal protective equipment:

Always consult a competent person/supplier when selecting personal protective equipment.

Respiratory protection

Normally not needed.

Hand protection

Normally not needed. For prolonged and frequent direct contact with the product use protective gloves.

Eye protection

Normally not needed.

Clothing requirements

No special protective clothing is required.

Sport Softener

Date of issue 2019-05-23

Version 3

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Form:	Fluid liquid
Colour:	Clear uncoloured
Odour:	Not available
Density:	1,00 g/ml
Odour threshold:	Not available
pH-value (Concentrate):	7,3 +/- 0,3
Melting point/freezing point (°C):	Not available
Initial boiling point and boiling range (°C):	Not available
Flash point (°C):	Not available
Evaporation rate (°C):	Not available
Flammability (solid, gas):	Not available
Upper flammability or explosive limits:	Not available
Lower flammability or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Solubility in water:	Miscible
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature (°C):	Not available
Viscosity:	230 +/- 20. bulb 15
Explosive properties:	Not available
Oxidising properties:	Not available

9.2 Other information:

No specific.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions.

10.2 Chemical stability

Stable.

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

No known.

Sport Softener

Date of issue 2019-05-23

Version 3

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Inhalation

This product is not considered to be irritating if inhaled.

Skin contact

Not irritating but have a degreasing effect on skin.

Eye contact

May be irritant.

Ingestion

Ingestion may cause discomfort.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

Isotridecanoethoxylate (1) (69011-36-5)	LD ₅₀ Oral rat: >2000 mg/kg LD ₅₀ Dermal rat: >2000 mg/kg
Isotridecanoethoxylate (2) (69011-36-5)	LD ₅₀ Oral rat: 500-2000 mg/kg
2-(2-butoxyethoxy)ethanol (112-34-5)	LD ₅₀ Oral rat: >3000 mg/kg LD ₅₀ Dermal rabbit: >2000 mg/kg

STOT-single exposure -repeated exposure

No known.

Routes of exposure:

Eyes and skin, inhalation and ingestion.

Allergenic potential

The 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 or toxic for reproduction.

Danger to aspiration

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

Toxicology data about this preparation is not available.

Sport Softener

Date of issue 2019-05-23

Version 3

SECTION 12: Ecological information (...)

Toxicology data for the containing components:

Isotridecanoethoxylate (1) (69011-36-5)	LC ₅₀ Fish 96h: >1-10 mg/l EC ₅₀ Daphnia 48h: >1-10 mg/l Sp: Daphnia magna EC ₅₀ Algae 72h: >1-10 mg/l
Isotridecanoethoxylate (2) (69011-36-5)	LC ₅₀ Fish 96h: >1-10 mg/l EC ₅₀ Daphnia 48h: >1-10 mg/l Sp: Daphnia magna
2-(2-butoxyethoxy)ethanol (112-34-5)	LC ₅₀ Fish 96h: 1300 mg/l EC ₅₀ Daphnia 48h: >100 mg/l (OECD TG 202)
Polydimethylsiloxan, diquatär (Polymer):	EC ₅₀ Daphnia 48h: >10-100 mg/l (OECD TG 202)

12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Polydimethylsiloxan, diquatär – Not readily biodegradable.

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

12.3 Bioaccumulative potential

2-(2-butoxyethoxy)ethanol (112-34-5) – log Pow: 0,15 - 0,9 (20 °C)

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 Other adverse effects

-

SECTION 13: Disposal considerations
--

13.1 Waste treatment methods:

The product

Dispose of in accordance with local authority requirements. Do not empty into drain.

Not hazardous waste.

EWC suggestions for waste:

20 01 30 detergents other than those mentioned in 20 01 29.

Disposal of Packaging

Empty and cleaned packaging can be recycled.

Sport Softener

Date of issue 2019-05-23

Version 3

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 (IMDG, IATA/ICAO):

-

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 MARPOL73/78 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).

15.2 Chemical safety assessment

None.

SECTION 16: Other information

The full text of Hazard statement codes listed under section 3:

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

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.

Version 1: 2016-08-26.

Version 2: 2017-04-18.

Version 3: 2019-05-23

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

Sources

Safety data sheet provided by the manufacturer. CLP-regulation, www.kemi.se, <http://echa.europa.eu/> (Databases)

Sport Softener

Date of issue 2019-05-23

Version 3

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.