

Safety Data Sheet

SHARKBITE WATERLINE CLEANER

Replaces date: 26/05/2016

Revision date: 10/10/2017

Version: 1.1.0

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

1.1. Product identifier

Trade name: SHARKBITE WATERLINE CLEANER

Vendor article no

Vendor article no	Description
8302	
8300	

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

Recommended uses: Detergents for ships. Easy removal of yellowing and unsightly stains on the waterline and the hull.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Säljtema AB

Address: Törestorpsvägen 2

Zip code: 335 73

City: Hillerstorp

Country: SWEDEN

E-mail: info@saljtema.se

Phone: +46 370 615530

Homepage: www.saljtema.se

Contact person: Name: Alexander Axelsson, Phone: +46 370 615531 +46 76 181 65 00, E-mail: alexander@saljtema.se

1.4. Emergency Telephone Number

112 (SOS in Europe) (0-24)

Members of the public: 111 (NHS 111 (Scotland: NHS 24))

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Skin Corr. 1;H314

Most serious harmful effects: Causes severe skin burns and eye damage.

2.2. Label elements

Pictograms

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Signal word: Danger

Contains

Substance: Oxalic acid dihydrate

H-phrases

H314 Causes severe skin burns and eye damage.

Supplemental information

P-phrases:

P102 Keep out of reach of children. P101 If medical advice is needed, have product container or label at hand. P301/P330/P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P302/P352 IF ON SKIN: Wash with plenty of water and soap. P305/P351/P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER or doctor/ physician if you feel unwell. P270 Do not eat, drink or smoke when using this product. P261 Avoid breathing mist and spray. P280 Wear protective gloves and eye protection. P501 Dispose of contents/container as hazardous waste to approved waste disposal facility – in accordance with local and national regulations. Contains: Non-ionic surfactants 5-15%.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Oxalic acid dihydrate	6153-56-6	205-634-3	01-2119534576-33	5 - 15%		Acute Tox. 4;H302 Acute Tox. 4;H312 Eye Dam. 1;H318
2-Propylheptanol ethoxylate	160875-66-1	-		1 - 5%		Eye Dam. 1;H318
Alkyl polyglycoside	68515-73-1	500-200-1		1 - 5%		Eye Dam. 1;H318

Please see section 16 for the full text of H-phrases.

Ingredient comments: Contains: Non-ionic surfactants 5-15%.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Fresh air. Get medical attention if any discomfort continues.

Ingestion: Rinse the mouth with water. Drink a few glasses of water or milk. DO NOT induce vomiting. Get medical attention immediately.

Skin contact: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues.

Eye contact: Open eye wide, remove any contact lenses and flush immediately with water (preferably

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using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.

General: Chemical burns must be treated by a physician. Show this safety data sheet, if possible.

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

Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.

IF ON SKIN: May cause serious irritation/smarming and corrosion damage.

Ingestion may cause serious corrosion damage, with burning pain and vomiting, stomach ache, possibly serious shock.

Inhalation of vapours/spray mist may cause irritation to the upper airways.

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

No information available

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Carbon oxides are emitted in a fire.

5.3. Advice for fire-fighters

General: Evacuate all personnel, use protective equipment for fire fighting. Use a portable breathing apparatus when the product is involved in a fire.

Other Information: The product is not flammable. Containers close to fire should be removed or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear necessary protective equipment. See section 8.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground. Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Absorb in inert material (vermiculite, dry sand or earth) and collect. Sent for destruction. Minor spillage should be wiped away or flushed away with water.

6.4. Reference to other sections

See section 13 for instructions on disposal.

SECTION 7: Handling and storage

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7.1. Precautions for safe handling

Wash hands before breaks, before using restroom facilities, and at the end of work. Take off contaminated clothing and wash before reuse. Do not eat, drink or smoke when using this product.
Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container. Keep separate from food, feedstuffs, fertilizers and other sensitive material. Store at room temperature. Store above freezing.

7.3. Specific end use(s)

No known information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m3	Comments	Remarks
Oxalic acid dihydrate	8h		1		

Legal basis: EH40/2005 Workplace exposure limits. Last amended December 2011.

8.2. Exposure controls

Appropriate engineering controls: Provide good ventilation.

Personal protective equipment, eye/face protection: Use approved safety goggles or face shield.

Personal protective equipment, skin protection: Use suitable protective clothing, as necessary.

Personal protective equipment, hand protection: Use protective gloves that are resistant to chemicals.

Personal protective equipment, respiratory protection: No respirator is normally needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid.
Colour	Clear. Yellowish.
Odour	Acidic.
Solubility	Miscible with water.
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	~ 1	
Melting point	~ 0 °C	

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Freezing point	No data	
Initial boiling point and boiling range	~ 100 °C	
Flash Point	No data	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	~1.04 g/cm ³	20°C

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal conditions.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Reacts violently with alkali.

10.4. Conditions to avoid

Avoid storing at extreme temperatures.

10.5. Incompatible materials

Avoid contact with alkaline substances. Oxidizing substance.

10.6. Hazardous decomposition products

Carbon oxides are emitted in a fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral: Test data are not available. Ingestion may cause serious corrosion damage, with burning pain and vomiting, stomach ache, possibly serious shock.

Acute toxicity - dermal: Test data are not available.

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Acute toxicity - inhalation:	Test data are not available. Mist/vapours/aerosols may cause irritation of the respiratory tract.
Skin corrosion/irritation:	May cause serious irritation/smarming and corrosion damage.
Serious eye damage/eye irritation:	Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.
Respiratory sensitisation or skin sensitisation:	Based on existing data, the classification criteria are deemed not to have been met.
Germ cell mutagenicity:	Based on existing data, the classification criteria are deemed not to have been met.
Carcinogenic properties:	Based on existing data, the classification criteria are deemed not to have been met.
Reproductive toxicity:	Based on existing data, the classification criteria are deemed not to have been met.

SECTION 12: Ecological information

12.1. Toxicity

Oxalic acid dihydrate

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute Daphnia		48h	EC50	137 mg/l			
Acute algae		72h	EC50	1550 mg/l			

2-Propylheptanol ethoxylate

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute fish		96h	LC50	10.1 - 100mg/l			
Acute algae		72h	EC50	10.1 - 100mg/l			
Acute Daphnia		48h	EC50	10.1 - 100mg/l			

Alkyl polyglycoside

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute fish		96h	LC50	> 100mg/l			
Acute Daphnia		48h	EC50	> 100mg/l			
Acute algae		72h	EC50	10 - 100mg/l			

12.2. Persistence and degradability

2-Propylheptanol ethoxylate

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28d	BOD	> 60%		OECD 301D	

Alkyl polyglycoside

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
				> 70%			

Expected to be readily biodegradable.

12.3. Bioaccumulative potential

Oxalic acid dihydrate

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Pow	-0.81			

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Alkyl polyglycoside

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Log Pow				< 0.07			

Bioaccumulation improbable.

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Other adverse effects

Discharge into water recipients may lower the pH, which may involve the risk of damage to aquatic organisms.

Other Information

Not regarded as dangerous for the environment. The assessment is based on the properties of the components.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residues and used product that cannot be reused must be treated as dangerous waste. Empty, cleansed packaging should be disposed of for recycling. Local and EU regulations for refuse treatment must be followed.

Category of waste: EWC code: Depends on line of business and use. Proposal EWC-code: 20 01 14 Suitable classification of waste is the responsibility of the user.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN-No.:	3265	14.4. Packing group:	III
14.2. UN proper shipping name:		14.5. Environmental hazards:	
14.3. Transport hazard class(es):	8		
Hazard label(s):	8		
Hazard identification number:	80	Tunnel restriction code:	(E)

Inland water ways transport (ADN)

14.1. UN-No.:		14.4. Packing group:	
14.2. UN proper shipping name:	Corrosive liquid, acidic, organic, n.o.s (oxalic acid)	14.5. Environmental hazards:	
14.3. Transport hazard class(es):			
Hazard label(s):			
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN-No.:	3265	14.4. Packing group:	III
14.2. UN proper shipping name:	Corrosive liquid, acidic, organic, n.o.s (oxalic acid)	14.5. Environmental hazards:	

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14.3. Transport hazard class(es): 8

Hazard label(s): 8

EmS:

Environmental Hazardous Substance Name(s):

IMDG Code segregation group:

Air transport (ICAO-TI / IATA-DGR)

14.1. UN-No.:

14.2. UN proper shipping name: Corrosive liquid, acidic, organic, n.o.s (oxalic acid)

14.3. Transport hazard class(es):

Hazard label(s):

14.4. Packing group:

14.5. Environmental hazards:

14.6. Special precautions for user

No special precautions required.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not relevant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special Provisions:

The surfactants in our product meet the criteria for biodegradation as laid down in Annex III of the Regulation (EC) No 648/2004 on detergents.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
EH40/2005 Workplace exposure limits. Last amended December 2011.
DIRECTIVE 2008/98/EC on waste.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	26/05/2016	Nina Wahlberg	3, 12
1.1.0	10/10/2017	ÅM	1, 3, 4, 5, 6, 7, 8, 11, 13, 15.

Date: 24/01/2012

Classification method: Mixtures are classified on the basis of their pH-values and not on the basis of the incoming substance's own classifications.

List of relevant H-statements

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H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

Document language: GB