

SAFETY DATA SHEET

SHARKBITE WATERLINE CLEANER

Last changed: 17/03/2015

Replaces date: 15/09/2014

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

1.1. Product identifier

Trade name SHARKBITE WATERLINE CLEANER

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.

Vendor Article No.

8300

1.3. Details of the supplier of the safety data sheet

NATIONAL MANUFACTURER/IMPORTER

Enterprise Säljtema AB
Address Låsbomsgatan 14
Postal code 589 41 LINKÖPING
Country Sverige
Email info@saljtema.se
Internet www.saljtema.se
Tel 013-16 02 00, 070-572 00 50
Fax 013-16 02 16

CONTACT PERSON

Name	Email	Tel	Country
Lars Trofast		013-16 02 00	Sweden

1.4. Emergency telephone number

Emergency Phone	Type of assistance	Opening Hours
112	SOS Alarm	0-24
08-33 12 31	Giftinformationscentralen	0-24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD Classification: Xn; R21/22, C; R34

CLP Classification: Skin Corr. 1C; H314

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

2.2. Label elements



Signal word: Danger

COMPOSITION

Oxalic acid dihydrate (5 - 15 %)

H-phrases

H314 Causes severe skin burns and eye damage.

SAFETY DATA SHEET

SHARKBITE WATERLINE CLEANER

Last changed: 17/03/2015

Replaces date: 15/09/2014

SUPPLEMENTAL HAZARD INFORMATION (EU)

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.

2.3. Other hazards

No known information.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredient name	Reg. no.	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Oxalic acid dihydrate	01-2119534576-33	205-634-3	6153-56-6	5 - 15 %	Xn,R21/22 - R41	Acute Tox. 4 H302 Acute Tox. 4 H312 Eye Dam. 1 H318
Hexyl-D-Glucoside	01-2119492545-29	259-217-6	54549-24-5	1 - 5 %	Xi,R41	Eye Dam. 1 H318
C9-11 Alcohol ethoxylate	-	-	68439-46-3	1 - 5 %	Xi,R41	Eye Dam. 1 H318

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

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

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Contact physician. NOTE! Effects may be delayed. Keep affected person under observation.

EYES

Rinse the eye with water immediately. Remove any contact lenses and continue rinsing with water for at least 15 minutes (keep the eyelids open). Preferably use tepid water. Get medical attention immediately. Continue to rinse.

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

May cause serious chemical burns of the skin. May cause serious, possibly permanent, corrosion damage to the eyes. Serious risk of permanent disorder caused by scarring of corrosion damage in the oesophagus and stomach.

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

SAFETY DATA SHEET

SHARKBITE WATERLINE CLEANER

Last changed: 17/03/2015

Replaces date: 15/09/2014

No information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA:

Use extinguishing media appropriate for surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA

Risk of corrosive splashes if water is used as the extinguishing agent.

5.2. Special hazards arising from the substance or mixture

Carbon oxides are emitted in a fire.

5.3. Advice for firefighters

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

PERSONAL PRECAUTIONS

Wear necessary protective equipment. See section 8.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

METHODS AND MATERIAL

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

OTHER INFORMATION

In the event of spillage involving the risk of environmental damage, get in touch with the authority responsible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Eye wash facilities and emergency shower must be available when handling this product. Avoid contact with the skin and eyes. Use only in well-ventilated areas.

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)

SAFETY DATA SHEET

SHARKBITE WATERLINE CLEANER

Last changed: 17/03/2015

Replaces date: 15/09/2014

No known information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OTHER INFORMATION REGARDING LIMIT VALUES AND MONITORING

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

APPROPRIATE ENGINEERING CONTROLS

Wash your hands thoroughly after handling and before eating or smoking. Use only in well-ventilated areas.

EYE PROTECTION

Use approved safety goggles or face shield.

SKIN PROTECTION

Use suitable protective clothing, as necessary.

HAND PROTECTION

Use suitable protective gloves made of nitrile rubber.

RESPIRATORY PROTECTION

If ventilation is insufficient, suitable respiratory protection must be applied. If necessary, respirator with P3 particle filter.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

STATE Liquid.
COLOUR Clear. Yellowish.
ODOUR Acidic.
SOLUBILITY Miscible with water.

Parameter	Value/unit	Method/reference	Observation
pH (concentrate)	~ 1		
pH (solution for use)	No data		
Melting point	~ 0 °C		
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	No data		
Auto-ignition temperature	No data		
Decomposition temperature	No data		
Viscosity	No data		

9.2. Other information

Parameter	Value/unit	Method/reference	Observation
Density	~ 1.04 g/cm ³	20°C	

SAFETY DATA SHEET

SHARKBITE WATERLINE CLEANER

Last changed: 17/03/2015

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Note no.	Comments
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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

Ingestion may cause serious corrosion damage, with burning pain and vomiting, stomach ache, possibly serious shock. Serious risk of permanent disorder caused by scarring of corrosion damage in the oesophagus and stomach.

Acute toxicity - dermal

Serious corrosion attack with persistent lesions may occur.

Acute toxicity - inhalation

Mist/vapours/aerosols may cause irritation of the respiratory tract. Inhalation of mist may cause smarting in the nose and throat, coughing and, at high concentrations, breathing difficulties.

Serious eye damage/eye irritation

Splashing into the eyes may cause serious smarting/irritation and corrosion damage. Risk of serious damage to eyes. May cause permanent damage to vision, possibly blindness.

Other toxicological effects

Toxicological data are only available for the components, not for the mixture.

SECTION 12: Ecological information

SAFETY DATA SHEET

SHARKBITE WATERLINE CLEANER

Last changed: 17/03/2015

Replaces date: 15/09/2014

12.1. Toxicity

Oxalic acid dihydrate						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
EC50 (Acute Daphnia)	48h	137 mg/l				
EC50 (Acute algae)	72h	1550 mg/l				

Hexyl-D-Glucoside						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
LC50 (Acute fish)	96h	> 100 mg/l				
EC50 (Acute Daphnia)	48h	> 100 mg/l				
EC50 (Acute algae)	72h	> 100 mg/l				

C9-11 Alcohol ethoxylate						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
LC50 (Acute fish)	96h	1 - 10 mg/l				
EC50 (Acute Daphnia)	48h	1 - 10 mg/l				
EC50 (Acute algae)	72h	1 - 10 mg/l				

12.2. Persistence and degradability

Hexyl-D-Glucoside						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
ThOD		> 70 %				

C9-11 Alcohol ethoxylate						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
		> 60 %				

Expected to be readily biodegradable.

12.3. Bioaccumulative potential

Oxalic acid dihydrate						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
Log Pow		-0.81				

Hexyl-D-Glucoside						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
Log Pow		< 3				

C9-11 Alcohol ethoxylate						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
Log Pow		2.4				

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.

SAFETY DATA SHEET

SHARKBITE WATERLINE CLEANER

Last changed: 17/03/2015

Replaces date: 15/09/2014

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

GENERAL REGULATIONS

Residues and used product that cannot be reused must be treated as dangerous waste. Empty packaging is sent for recycling. Local and EU regulations for refuse treatment must be followed.

CATEGORY OF WASTE

Proposal EWC-code: 20 01 14

SECTION 14: Transport information

Classified as Dangerous Goods: Yes

Land transport (ADR/RID)

14.1. UN number	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	
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 number		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)			
Environmental hazard in tank vessels			

SAFETY DATA SHEET

SHARKBITE WATERLINE CLEANER

Last changed: 17/03/2015

Replaces date: 15/09/2014

Sea transport (IMDG)

14.1. UN number	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	
14.3. Transport hazard class(es)	8		
Hazard label(s)	8		
Sub Risk:			
IMDG Code segregation group	Acids		
Marine pollutant			
Substance name(s) on marine pollutant			
EMS:			

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number		14.4. Packing group	
14.2. UN proper shipping name	Corrosive liquid, acidic, organic, n.o.s (oxalic acid)		
14.3. Transport hazard class(es)			
Hazard label(s)			

14.6. 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

OTHER REGULATORY INFORMATION

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.

15.2. Chemical safety assessment

OTHER INFORMATION

No information available

SECTION 16: Other information

SAFETY DATA SHEET

SHARKBITE WATERLINE CLEANER

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Indication of changes

ISSUED: 24/01/2012

Indication of changes

Version	Rev. date	Responsible	Changes
1.0.0	17/03/2015	Nina Wahlberg	2

LIST OF RELEVANT R-PHRASES

R21/22 Harmful in contact with skin and if swallowed.
R34 Causes burns.
R41 Risk of serious damage to eyes.

LIST OF RELEVANT H-STATEMENTS

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