

SAFETY DATA SHEET

SHARKBITE BARNACLE REMOVER

Last changed: 03/09/2014

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

1.1. Product identifier

Trade name SHARKBITE BARNACLE REMOVER

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

RECOMMENDED USES: Cleaning agent

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 in Europe	0-24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD Classification: Xn; R22, Xi; R38, Xi; R41

CLP Classification: Met. Corr. 1; H290, Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Dam. 1; H318

Most serious harmful effects:: May be corrosive to metals. Harmful if swallowed. Causes skin irritation. Causes serious eye damage.

2.2. Label elements



Signal word: Danger

COMPOSITION

Urea, monohydrochloride (50 - 70 %)

H-phrases

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.

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SUPPLEMENTAL HAZARD INFORMATION (EU)

P102 Keep out of reach of children. P301/P330/P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
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. P261 Avoid breathing mist and spray. P280 Wear protective gloves and eye protection. P501 Dispose of contents /container at waste collection point or recycling centre – 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
Urea, monohydrochloride			506-89-8	50 - 70 %	Xn,R22 - R38 - R41	Met. Corr. 1 H290 Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H335

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 with water. Contact physician if discomfort continues.

SKIN

Promptly remove any clothing that becomes wet or contaminated. Wash skin thoroughly with soap and water. Contact physician if irritation persists.

EYES

Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.

GENERAL

Show this safety data sheet, if possible.

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

Harmful if swallowed. Splashing in the eyes may result in serious eye damage. Inhalation of 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: Firefighting measures

5.1. Extinguishing media

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SUITABLE EXTINGUISHING MEDIA:

Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

The product will not ignite before the water has evaporated. Fire causes formation of toxic gases.

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

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 an inert material (sand, vermiculite, etc.) and collect into a suitable container. 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

Avoid contact with the skin and eyes. Avoid inhalation of vapours. Use only in well-ventilated areas. Facilities for eye rinsing must be available.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container. Keep separate from food, feedstuffs, fertilizers and other sensitive material. Keep in a cool, well-ventilated place. Do NOT use container made of: Aluminium. Store at room temperature.

7.3. Specific end use(s)

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.

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8.2. Exposure controls

APPROPRIATE ENGINEERING CONTROLS

Wash your hands thoroughly after handling and before eating or smoking. Facilities for eye rinsing must be available.

EYE PROTECTION

Use approved safety goggles or face shield.

HAND PROTECTION

Use suitable protective gloves made of nitrile rubber. Neoprene. Butyl rubber.

RESPIRATORY PROTECTION

No respirator is normally needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

STATE Liquid.
COLOUR Yellow-orange.
ODOUR Mild.
SOLUBILITY Miscible with water.

Parameter	Value/unit	Method/reference	Observation
pH (concentrate)	No data		
pH (solution for use)	~ 0.7		
Melting point	No data		
Freezing point	No data		
Initial boiling point and boiling range	> 35 °C		
Flash point	> 93 °C		
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	~ 1.02 g/cm ³	20°C	

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.

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10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Avoid temperatures above 100 °C.

10.5. Incompatible materials

Avoid contact with: Strong oxidisers. Strong alkalis. Aluminium.

10.6. Hazardous decomposition products

Carbon oxides are emitted in a fire. Nitrous gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Harmful if swallowed. May cause smarting in the mouth and throat, and stomach ache.

Acute toxicity - dermal

Degreases the skin. May cause irritation.

Acute toxicity - inhalation

May irritate the respiratory organs.

Serious eye damage/eye irritation

Causes serious eye damage.

Other toxicological effects

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

SECTION 12: Ecological information

12.1. Toxicity

Urea, monohydrochloride						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
EC50 (Acute Daphnia)	48h	71 mg/l				

12.2. Persistence and degradability

Urea, monohydrochloride						
Route of exposure	Exposure time	Value/unit	Result	Species	Source	Test method
COD		3500 mg/l				
BOD	5d	500 mg/l				

Biodegradable.

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12.3. Bioaccumulative potential

Bioaccumulation improbable.

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

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	UN3265	14.4. Packing group	II
14.2. UN proper shipping name	Corrosive liquid, acidic, organic, n.o.s (urea hydrochloride)	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 (urea hydrochloride)	14.5. Environmental hazards	
14.3. Transport hazard class(es)			
Hazard label(s)			
Environmental hazard in tank vessels			

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Sea transport (IMDG)

14.1. UN number	UN3265	14.4. Packing group	II
14.2. UN proper shipping name	Corrosive liquid, acidic, organic, n.o.s (urea hydrochloride)	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 (urea hydrochloride)		
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

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

ISSUED: 18/02/2014

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LIST OF RELEVANT R-PHRASES

R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

LIST OF RELEVANT H-STATEMENTS

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.