



# SEA SAFE EZ-ON EZ-OFF BOAT BOTTOM CLEANER

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version: 1.0

Revision Date: 12/30/2013 Date of issue: 12/30/2013

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE

#### Product Identifier

Product Form: Mixture

Product Name: SEA SAFE EZ-ON EZ-OFF BOAT BOTTOM CLEANER

Product Code: 89754

#### Intended Use of the Product

Use of the Substance/Mixture: Stain Remover.

#### Name, Address, and Telephone of the Responsible Party

##### Company

Star brite Inc.

4041 SW 47<sup>th</sup> Avenue

Fort Lauderdale, FL 33314

(954)587-6280

[www.starbrite.com](http://www.starbrite.com)

#### Emergency Telephone Number

Emergency number : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

### SECTION 2: HAZARDS

#### Classification of the Substance or Mixture

Classification (GHS-US)

Acute Tox. 4 (Oral) H302

Skin Corr. 1A H314

Eye Dam. 1 H318

STOT SE 3 H335

#### Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) :

Danger

Hazard Statements (GHS-US) :

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H318 - Causes serious eye damage

H335 - May cause respiratory irritation

Precautionary Statements (GHS-US) :

P260 - Do not breathe mist, spray, vapors.

P264 - Wash hands, forearms, and exposed areas thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear face protection, protective clothing, protective gloves, eye protection.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

P312 - Call a POISON CENTER or doctor if you feel unwell.

P321 - Specific treatment (see Section 4).

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P330 - If swallowed, rinse mouth.  
P363 - Wash contaminated clothing before reuse.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

Other Hazards Not available

Unknown Acute Toxicity (GHS-US) Not available

### SECTION 3: COMPOSITION/INFORMATION ON

#### Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Urea, monohydrochloride	(CAS No) 506-89-8	30 - 40	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335

Full text of H-phrases: see section 16

### SECTION 4: FIRST AID

#### Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin Contact: Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

#### Most Important Symptoms and Effects Both Acute and Delayed

General: Harmful if swallowed. Corrosive to eyes, respiratory system and skin.

Inhalation: Respiratory tract irritation.

Skin Contact: Causes severe irritation which will progress to chemical burns.

Eye Contact: Causes serious eye damage. Can cause blindness.

Ingestion: Harmful if swallowed.

Chronic Symptoms: Not available

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5: FIREFIGHTING

#### Extinguishing Media

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

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: May be corrosive to metals.

#### Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Nitrogen compounds. Carbon oxides (CO, CO<sub>2</sub>).

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### Reference to Other Sections

Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE**

### Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

#### For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

#### For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

### Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

## **SECTION 7: HANDLING AND**

### Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Storage areas should be periodically checked for corrosion and integrity.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers. Metals.

Special Rules on Packaging: Store in original container or corrosive resistant and/or lined container.

### Specific End Use(s)

Stain Remover.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL**

### Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

### Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal Protective Equipment: Face shield. Safety glasses. Protective clothing. Gloves.



Materials for Protective Clothing: Acid-resistant clothing.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses. A full face shield is recommended.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use

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### SECTION 9: PHYSICAL AND CHEMICAL

#### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Colorless
Odor	: Characteristic
Odor Threshold	: Not available
pH	: 1
Relative Evaporation Rate (butylacetate=1)	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: 100 °C (212 °F)
Flash Point	: > 100 °C (212 °F)
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: 1.097 (water = 1) at 20 °C (68 °F)
Specific Gravity	: 1.097 at 20 °C (68 °F)
Solubility	: Not available
Log Pow	: Not available
Log Kow	: Not available
Viscosity, Kinematic	: Not available
Viscosity, Dynamic	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not available
Explosion Data – Sensitivity to Static Discharge	: Not available

### SECTION 10: STABILITY AND

Reactivity: May be corrosive to metals.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Incompatible materials.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers. Metals.

Hazardous Decomposition Products: nitrogen compounds. Carbon oxides (CO, CO<sub>2</sub>).

### SECTION 11: TOXICOLOGICAL

#### Information on Toxicological Effects - Product

Acute Toxicity : Harmful if swallowed.

LD50 and LC50 Data Not available

Skin Corrosion/Irritation: Causes severe skin burns and eye damage. (pH: 1)

Serious Eye Damage/Irritation: Causes serious eye damage. (pH: 1)

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation.

Aspiration Hazard: Not classified

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Symptoms/Injuries After Inhalation: Respiratory tract irritation.

Symptoms/Injuries After Skin Contact: Causes severe irritation which will progress to chemical burns.

Symptoms/Injuries After Eye Contact: Causes serious eye damage. Can cause blindness.

Symptoms/Injuries After Ingestion: Harmful if swallowed.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data

Urea, monohydrochloride (506-89-8)	
LD50 Oral (ATE)	500 mg/kg

## SECTION 12: ECOLOGICAL

Toxicity Not classified

Persistence and Degradability Not available

Bioaccumulative Potential Not available

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

## SECTION 13: DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

## SECTION 14: TRANSPORT

In Accordance With ICAO/IATA/DOT/TDG/IMDG

UN Number

UN-No.(DOT)	: 3265
DOT NA no.	: UN3265
UN-No. (TDG)	: UN3265
UN-No. (IMDG)	: 3265
UN-No.(IATA)	: 3265

UN Proper Shipping Name

Proper Shipping Name (DOT)	: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride)
Proper Shipping Name (TDG)	: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride)
Proper Shipping Name (IATA)	: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride)
Proper Shipping Name (IMDG)	: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride)
Transport Document Description (DOT)	: UN3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride), 8, III
Transport Document Description (TDG)	: UN3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride), 8, III
Transport Document Description (ADR) (IMDG/IATA)	: UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride), 8, III, (E)

Transport Hazard Class(es)

Department Of Transportation (DOT) Hazard Classes	: 8 - Class 8 - Corrosive material 49 CFR 173.136
Hazard Labels (DOT)	: 8 - Corrosive



DOT Symbols	: G - Identifies PSN requiring a technical name
Packing Group (DOT)	: III - Minor Danger
DOT Special Provisions (49 CFR 172.102)	: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at

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131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling =  $97 / (1 + a (tr - tf))$  Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 Cfr 173.xxx) : 154  
 DOT Packaging Non Bulk (49 Cfr 173.xxx) : 203  
 DOT Packaging Bulk (49 Cfr 173.xxx) : 241  
 TDG Primary Hazard Classes : 8 - Class 8 - Corrosives  
 Hazard Labels (TDG) : 8 - Corrosive substances



Packing Group (TDG) : III - Minor Danger  
 TDG Special Provisions : 16 - 1) The technical name of the most dangerous substance related to the primary class must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(i)(A) of Part 3, Documentation. The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4, Dangerous Goods Safety Marks.

2) subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical: a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.; b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.; c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.; d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. An example in Canada is the "Food and Drugs Act".

Explosive Limit And Limited Quantity Index : 5  
 Passenger Carrying Road Vehicle Or Passenger Carrying Railway Vehicle Index : 5  
 Class (IMDG) : 8  
 Danger Labels (IMDG) : 8



Packing Group (IMDG) : III  
 Class (IATA) : 8  
 Hazard Labels (IATA) : 8



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Packing Group (IATA) : III - Minor Danger  
Additional Information  
Emergency Response Guide (ERG) Number : 153  
Other Information : This product meets the limited quantities exception as follows: DOT: Not regulated as dangerous goods except when shipped in bulk (LQ of up to 5L). Otherwise, the above descriptions apply.

### Transport by sea

Dot Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  
Dot Vessel Stowage Other : 40 - Stow "clear of living quarters"  
Special Provisions (IMDG) : 223,274  
Excepted Quantities (IMDG) : E1  
IBC Packing Instructions (IMDG) : IBC03  
Packing Instructions (IMDG) : P001,LP01  
Tank Instructions (IMDG) : T7  
Tank Special Provisions (IMDG) : TP1,TP28  
Stowage Category (IMDG) : A  
Stowage And Segregation (IMDG) : Clear of living quarters.  
Properties and Observations (IMDG) : Causes burns to skin, eyes and mucous membranes.  
MFAG-NO : 153  
Marine Pollutant : No

### Air transport

DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27) : 5 L  
DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75) : 60 L  
CAO Packing Instructions (IATA) : 856  
CAO Max Net Quantity (IATA) : 60L  
PCA Packing Instructions (IATA) : 852  
PCA Limited Quantities (IATA) : Y841  
PCA Limited Quantity Max Net Quantity (IATA) : 1L  
PCA Max Net Quantity (IATA) : 5L  
PCA Excepted Quantities (IATA) : E1  
CAO Max Net Quantity (IATA) : 60L  
CAO Packing Instructions (IATA) : 856  
Special Provision (IATA) : A3  
Erg Code (IATA) : 8L

## **SECTION 15: REGULATORY**

### US Federal Regulations

SEA SAFE EZ-ON EZ-OFF BOAT BOTTOM CLEANER	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Reactive hazard
Urea, monohydrochloride (506-89-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### US State Regulations

Neither this product nor its chemical components appear on any US state lists.

### Canadian Regulations

SEA SAFE EZ-ON EZ-OFF BOAT BOTTOM CLEANER	
WHMIS Classification	Class E - Corrosive Material Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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Urea, monohydrochloride (506-89-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

### SECTION 16: OTHER

Revision date : 12/30/2013

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

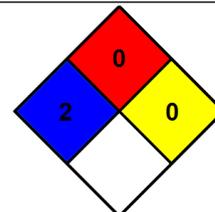
#### GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H335	May cause respiratory irritation

NFPA Health Hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA Fire Hazard : 0 - Materials that will not burn.

NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Party Responsible for the Preparation of This Document

Starbrite®

Phone Number: (954)587-6280

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

North America GHS US 2012 & WHMIS