

Product: **GreenClean Boat Soap**
SDS Preparation Date: **May 11, 2017**

Product Number: **1228**
Meets GHS and ISO 11014-1

SAFETY DATA SHEET

GHS and ISO 11014-1

1. Identification of the substance or mixture and of the supplier

GHS Product information:

- **Product name/Number:** GreenClean Boat Soap® 1226
- **Trade Name:** GreenClean Boat Soap
- **Recommended use of the chemical and restrictions on use:** Can be diluted 1:380 to 1:95 and should be used as a soap to wash the exterior of vessels surfaces.
- **Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.

Supplier details:

TRAC Ecological of America, Inc.
1103 Old Griffin Road
Dania, FL 33004 USA
Phone: +1(954) 987-2722
Fax: +1(954) 583-4933
inquiry@trac-online.com
www.trac-online.com

Emergency telephone INFOTRAC: North America 1-800-535-5053 / Outside North America +1-352-323-3500

2. Hazards identification

Classification of the mixture:

- **Physical hazards:** Not classified for physical hazards.
- **Health hazards:** Can cause skin and eye irritation.
- **Environmental hazards:** Not classified as hazards to the environment.

Other hazards:

- This product does not contain substances which are classified as persistent, bio-accumulative and/or toxic (PBT) or very persistent and very bio-accumulative (vPvB).

Product: **GreenClean Boat Soap**
 SDS Preparation Date: **May 11, 2017**

Product Number: **1228**
Meets GHS and ISO 11014-1

3. Composition/information on ingredients and Substance Chemical Identity:

Chemical composition:

- Mixtures of listed substances and unlisted ingredients. Unlisted ingredients are not "hazardous" per the GHS Classification.

Hazardous substances			
N/A			

4. First aid measure:

- General:** N/A
- Inhalation:** N/A
- Eyes:** Immediately flush eyes with plenty of water for a few minutes. Seek medical attention if symptoms persist.
- Skin:** flush skin with water
- Ingestion:** Do not induce vomiting. Drink plenty of water (or milk if available). Seek for medical attention if symptoms persist.

5. Fire fighting measures:

Suitable (and unsuitable) extinguishing media:

- GreenClean Boat Soap is not flammable; use most appropriate agent to extinguish surrounding material, water - foam - powder - dry chemical.

Specific hazards arising from the chemical:

- None

Special protective equipment and precautions for firefighters:

- No special equipment and no special measures required.

Product: **GreenClean Boat Soap**
SDS Preparation Date: **May 11, 2017**

Product Number: **1228**
Meets GHS and ISO 11014-1

6. Accidental release measures:

Personal precautions, protective equipment and emergency procedures:

- Wear protective equipment, like:
 - gloves : rubber gloves
 - respiration protection : none
 - eyes protection : none
 - shoes : normal
 - clothing : normal
 - control mechanic device : none
- Keep unprotected persons away.

Environmental precautions:

- Rinse with water, and dispose to sewage according to Federal, National and local regulations.

Methods and materials for containment and cleaning up:

- Should be absorbed by absorbents for disposal. Must conform to Federal, National and Local regulations.

7. Handling and storage:

Precautions for safe handling:

- No special measures required.
- Information about fire - and explosion protection: Store drums away from excessive heat, basically no special measures required

Conditions for safe storage, including any incompatibilities:

- No special measures required;
- Information about storage in one common storage facility: Not required.
 - Further information about storage conditions:
 - Store in normal conditions, keep containers/drums sealed

8. Exposure controls/personal protection:

Personal protection:

- **Gloves:** rubber gloves for prolonged contact with concentrated product
- **Respiration protection:** none
- **Eyes protection:** none
- **Shoes:** normal
- **Clothing:** normal
- **Control mechanic device:** none

Product: **GreenClean Boat Soap**
 SDS Preparation Date: **May 11, 2017**

Product Number: **1228**
Meets GHS and ISO 11014-1

9. Physical and chemical properties:

- Appearance liquid
- Color: Clear
- Odor: Light amine odor
- pH: 10.50
- Melting point: NA
- Boiling point: 225 °F
- Freezing point: 30 °F
- Flash point: NA
- Evaporation rate: Same as water
- Flammability (solid, gas): NA
- Upper/lower flammability or explosive limits: NA
- Vapor pressure: 14 mm hg/70 °F
- Vapor density: NA
- Relative density: 1.16
- Solubility(ies): Complete
- Partition coefficient: n-octanol/water: NA
- Auto ignition temperature: NA
- Decomposition temperature: NA

10. Stability and reactivity:

- Chemical stability: Stable when stored at normal conditions and recommended temperature
- Possibility of hazardous reactions: Non Described
- Conditions to avoid: Non Described
- Incompatible materials: Non Described
- Hazardous decomposition products: None.

11. Toxicological information:

Acute toxicity	Not classified.
Skin corrosion/irritation	Skin irritation.
Respiratory sensitisation	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Carcinogenicity	Not classified.
Germ cell mutagenicity	Not classified.
Reproductive toxicity	Not classified.
Information on likely routes of exposure	
Ingestion	Irritation in mouth, throat and/or stomach.
Inhalation	Not classified.
Skin contact	Causes irritation
Eye contact	Causes irritation
Symptoms	Not available.
Mixture versus substance	Not available.
Information	Not available.
Other information	Not available.

Acute toxicity of components present at relevant concentrations: see section 3.

Product: **GreenClean Boat Soap**
 SDS Preparation Date: **May 11, 2017**

Product Number: **1228**
Meets GHS and ISO 11014-1

12. Ecological information:

Toxicity	No toxicity data noted for the ingredient(s).
Persistence and (BIO)degradability	No data available
Bio-accumulative potential	Not available.
Partition coefficient; n-octanol/water (log Kow);	Not available.
Bio-concentration factor (BCF)	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not a PBT or vPvB substance or mixture.
Other adverse effects	Not available.

Summary: The product is not classified as dangerous for the environment. The evaluation of environmental hazards is based on the concentration limits as set out in directive 1999/45/EC.

13. Disposal considerations:

Waste treatment methods:

- Dispose used or expended material to local sewage systems according to Federal, National and Local regulations and instructions
- After rinsing with plenty of water, empty containers may be recycled.
 - Waste code according to 2000/532/EC (product):
 - Waste code according to 2000/532/EC (package):

14. Transport information:

UN number	Not applicable
UN proper shipping name	Cleaning compound
Transport hazard	Not applicable
Packing group	Not applicable
Environmental hazards	None
Special precautions	Not applicable

U.S. (DOT) / Canadian TDG: Not Regulated for shipping.

ICAO/ IATA: Not classified as Hazardous

IMO / IDMG: Not classified as Hazardous

ADR/RID: Not classified as Hazardous

Product: **GreenClean Boat Soap**
SDS Preparation Date: **May 11, 2017**

Product Number: **1228**
Meets GHS and ISO 11014-1

15. Regulatory Information

Safety, health and environmental regulations specific for the product in question:

- GHS system for labelling and SDS
- Current regulation in US and Canada:
 - In USA: OSHA (29 CFR 1910.1200)
 - Canada: WHMIS
- EU regulations
 - Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances; Not regulated.
 - Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work; Phosphoric acid mixture (CAS 7664-38-2)
 - Directive 94/33/EC on the protection of young people at work; Phosphoric acid mixture (CAS 7664-38-2)

Chemical safety assessment:

- Not available

16. Other information including information on preparation and revision of the SDS:

List of abbreviations:

- CAS: Chemical Abstract Service Registration Number
- STEL: Short Term Exposure Limit
- LD50: Lethal Dose, 50%
- LC50: Lethal Concentration, 50%
- EC50: Effect Concentration, 50%
- NOEL: No Observed Effect Level
- BOD: Biochemical Oxygen Demand
- TOC: Total Organic Carbon
- CLP: Regulation on classification, labelling and packaging of substances and mixtures
- DSD: Dangerous Substances Directive
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IATA: International Air Transport Association
- IMDG: International Maritime Dangerous Goods Code
- GHS: Global Harmonised System
- HCS: harmonized classification scheme

17. Other information including information on preparation and revision of the SDS *continued*:

References Safety data: sheets of raw materials

Information on evaluation method leading to the classification of mixture, the health, and environmental hazards of this mixture are assessed by applying the conventional methods as described in GHS and EU Annex II and III to Directive 1999/45/EC.