

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)
Version 2.1 Print date:21/02/2013
Revision date: 21/02/2013
File No: 0030

Section 1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

Identification on the label/Trade name: Sail Cleaner
CAS: see section 3 EC: see section 3
Index Number: N/A
REACH Pre-registration No.: N/A
Additional identification: Cleaner
Product Codes: 1125

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:
Cleaner for sail cloths and materials.
1.2.2 Uses advised against:
Not available.

1.3 Details of the supplier of the safety data sheet:

Life Industries Corporation- Boatlife
4060 Bridge View Drive North Charleston, SC 29405 USA
Tel: +843-566-1225 Fax: +843-566-1275
Email: info@boatlife.com

1.4 Emergency telephone Number: +1 703-527-3887

Available 24 hours? YES X NO

Section 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification:

Classification in according to EU CLP 1272/2008
Hazard classes/Hazard categories Hazard statement
N/A N/A
For full text of H- phrases: see section 2.2.

Classification in according to 67/548/EEC(DSD)
Hazards characteristics R-Phrases
N/A N/A
For full text of R- phrases: see section 16.

2.1.2 The most important adverse effects

2.1.2.1 The most important adverse physicochemical effects:
Not available.

2.1.2.2 The most important adverse human health effects:
Not available.

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2.1.2.3 The most important adverse environmental effects:
Not available.

2.2 Label elements

Hazard Pictograms: No hazard pictogram is used.

Signal Word(S): No signal word is used.

Hazard Statement: Not applicable.

Precautionary Statement: Not applicable.

2.3 Other hazards

Not available.

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Section 4 FIRST AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

4.1.2 In case of skin contact:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician, immediately. Wash clothing before reuse.

4.1.3 In case of eyes contact:

Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.

4.1.4 In case of ingestion:

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

The product is not classified as harmful to human health effect.

4.3 Indication of any immediate medical attention and special treatment needed

Immediately call a POISON CENTER or doctor/physician.

Section 5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

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Suitable extinguishing media: Foam, CO₂, dry chemical.

Unsuitable extinguishing media: Water.

5.2 Special hazards arising from the substance or mixture

Its products of combustion or resulting gases: Silicone Oxides, Carbon Oxides.

5.3 Advice for fire-fighters:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

Section 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Refer to section 8 of SDS for personal protection details.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3 Methods for containment and cleaning up:

Confine spill and place in a closed container. Wipe up excess with dry rags and place in a closed container.

6.4 Reference to other sections:

Refer to section 8 of the SDS.

6.5 Additional information:

Not available.

Section 7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

7.1.1 Protective measures:

Wash thoroughly after handling. Use with adequate ventilation. Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing.

7.1.2 Advice on general occupational hygiene :

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

Avoid contact with skin and eyes by using personal protective equipment; product is moisture sensitive (store in a dark, DRY place). Be sure to have proper ventilation to minimize exposure to vapors.

7.3 Specific end use(s):

Not available.

Section 8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters:

8.1.1 Occupational exposure limits: Not available.

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8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Use adequate ventilation to keep airborne concentrations low.

8.2.2 Individual protection measures, such as personal protective equipment :

Eye/face protection: Use safety goggles.

Hand protection: PVC or rubber gloves.

Body protection: Wear protective clothing to prevent skin exposure.

Respiratory protection: Not generally required.

8.2.3 Environmental exposure controls:

Avoid discharge into the environment.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Clear liquid
Colour:	Clear
Odour:	Mild characteristic odour
Odour threshold:	No data available
pH:	No data available
Melting point/range :	No data available
Boiling point/range (°C) :	No data available
Flash point (°C) :	No data available
Evaporation rate:	No data available
Flammability (solid, gas);	No data available
Ignition temperature (°C) :	No data available
Upper/lower flammability/explosive limits:	No data available
Vapour pressure (20°C) :	No data available
Vapour density (AIR = 1):	No data available
Density (20°C):	No data available
Water solubility (g/l):	Soluble
n-Octanol/Water (log Po/w) :	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic (20 °C) :	No data available

9.2 Physical hazards:

Not classified.

9.3 Other information:

Fat solubility(solvent– oil to be specified) etc	Not available
Bulk Density:	Not available
Dissociation constant in water(pKa):	Not available

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Oxidation-reduction Potential: Not available
Surface tension: Not available
Percent Volatile: 2 %

Section 10 STABILITY AND RELIABILITY

10.1 Reactivity:

The substance is stable under normal storage and handling conditions.

10.2 Chemical stability:

Stable at room temperature in closed containers under normal storage and handling conditions.

10.3 Possibility of hazardous reactions:

Will not occur.

10.4 Conditions to avoid:

Incompatible materials.

10.5 Incompatible materials:

Strong oxidizing agents.

10.6 Hazardous decomposition products:

None

Section 11 TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution

Not available.

11.2 Information on toxicological effects

Acute toxicity:

LD50 (Oral, Rat): Not available.

LD50 (Dermal Rabbit): Not available.

LC50 (Inhalation, Rat): Not available.

Skin corrosion/Irritation: No data available.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

STOT- single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12 ECOLOGICAL INFORMATION

Toxicity:

<i>Acute toxicity</i>		<i>Time</i>	<i>Species</i>	<i>Method</i>	<i>Evaluation</i>	<i>Remarks</i>
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

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Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT&vPvB assessment: No data available.

Other adverse effects: No data available.

Section 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Contact a licensed professional waste disposal service. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packing must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner.

Section 14. TRANSPORT INFORMATION

	<i>Land transport (ADR/RID)</i>	<i>Sea transport (IMDG)</i>	<i>Air transport (ICAO/IATA)</i>
<i>UN-Number:</i>	Not regulated	Not regulated	Not regulated
<i>UN Proper shipping name:</i>	Not regulated	Not regulated	Not regulated
<i>Transport hazard Class:</i>	Not regulated	Not regulated	Not regulated
<i>Packaging group:</i>	Not regulated	Not regulated	Not regulated
<i>Environmental hazards:</i>	Not regulated	Not regulated	Not regulated
<i>Special precautions for user:</i>	See section 2.2	See section 2.2	See section 2.2
<i>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</i>	Not regulated	Not regulated	Not regulated

Section 15 REGULATORY INFORMATION

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

Relevant regulations: No data available.

Chemical Safety Assessment Carried Out? YES NO X

Section 16 OTHER INFORMATION

16.1 Indication of changes

Version 2.1 amended by EU No 453/2010

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16.2 Relevant R- phrases (number and full text):

No data available.

16.3 Legal Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or from contact with the above product.

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