

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

Version 2.1 Print date: 21/02/2012

Revision date: 08/03/2012

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

1.1 Product identifier:

Identification on the label/Trade name: Fiberglass Powder Cleaner

CAS: see section 3 EC: see section 3

Index Number: N/A

REACH Pre-registration No.: N/A

Additional identification: Powder Cleaner

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

1.2.1 Identified uses:

Heavy Duty Fiberglass Cleaner and Stain Remover.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

BoatLIFE

4060 Bridgeview Dr. North Charleston, SC USA

Tel: +843-566-1225 Fax: +843-566-1275

Email: gls@boatlife.com

1.4 Emergency telephone Number: +843-566-1225

Available 24 hours?

YES

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
Acute Tox. 4	H302
Acute Tox. 4	H312

For full text of H- phrases: see section 2.2.

Classification in according to DPD	
Hazards characteristics	R-Phrases
Xn	R21/R22

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 applicable.

2.1.2.2 The most important adverse human health effects:

Harmful if swallowed.

Harmful in contact with skin.

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2.1.2.3 The most important adverse environmental effects:

Not applicable.

2.2 Label elements

Hazard Pictograms:



Signal Word(S): **Warning**

Hazard Statement: H302: Harmful if swallowed.
H312: Harmful in contact with skin.

Precautionary Statement: P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P322 Specific measures(see... on this label)
P330 Rinse mouth.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to certified service provider.

2.3 Other hazards

In use, may form flammable / explosive vapour-air mixture.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Ingredient(s):

Substance Name	CAS#	EC#	% by weight	REACH No.	Classification
Oxalic acid	144-62-7	205-634-3	<8%	-	H302、 H312

Section 4 FIRST AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:

Remove to fresh air. If breathing becomes complicated seek immediate medical attention.

4.1.2 In case of skin contact:

Immediately wash with water and soap and rinse thoroughly.

4.1.3 In case of eyes contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

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4.1.4 In case of ingestion:

Do not induce vomiting. Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

Harmful in contact with skin.

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:

Suitable extinguishing media: Water spray, powder foam or carbon dioxide.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Carbon oxides.

5.3 Advice for fire-fighters:

Wear suitable protective clothing. Self-contained breathing apparatus.

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:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

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:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas.

Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

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:

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Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

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.

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 explosion-proof electrical (ventilating, lighting and material handling) equipment. Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands after handling compounds and before eating, smoking and using the lavatory and at the end of the day.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Chemical goggles.

Hand protection: PVC or Rubber gloves.

Body protection: Working clothes.

Respiratory protection: Use NOISH approved respirator.

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:	Powder
Colour:	White
Odour:	None
Odour threshold:	No data available
pH:	No data available
Melting point/range :	> 160 °C(oxalic acid)
Boiling point/range (°C) :	No data available
Flash point (°C) :	No data available
Evaporation rate:	No data available
Flammability (solid, gas);	non flammable(oxalic acid)
Ignition temperature (°C) :	No data available
Upper/lower flammability/explosive limits:	No data available
Vapour pressure (25°C) :	0.000234 mm Hg(oxalic acid)
Vapour density:	No data available
Density (20°C):	No data available
Water solubility (g/l): (25 °C)	ca. 108 g/L(oxalic acid)
n-Octanol/Water (log Po/w) :	No data available
Auto-ignition temperature:	> 400 °C(oxalic acid)
Decomposition temperature:	No data available

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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:(20°C)	0.813 g/cm ³ (oxalic acid)
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available
Surface tension:	ca. 70.1 mN/m(oxalic acid)

Section 10 STABILITY AND RELIABILITY

10.1 Reactivity:

Stable under recommended transport or storage conditions.

10.2 Chemical stability:

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

Incompatible materials.

10.5 Incompatible materials:

Strong oxidizing agents.

10.6 Hazardous decomposition products:

Carbon oxides.

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): 20000 mg/kg bw(oxalic acid)

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

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Toxicity:

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

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.