



MATERIAL DATA SAFETY SHEET



SECTION 1: Product And Company Identification

Product Name: Boat Wash
Product ID# VV001
Manufactured by: LH Organics, LLC.
General Information: 925-376-1400

Bio-based Plant / Cleaner
 920 Country Club Drive, PO Box 157 Moraga, CA 94556

Emergency Contact: 925-376-1400
www.lhorganics.com

Technical Assistance: 925-376-1400 **Fax Number:** 925-376-8648

Section 2: Composition / Information on Ingredients

Component	CAS #	LD50# (oral rat)	LD60#	% Wt.
Coconut Oil	8001-31-8	NE	NE	Prop.
Lime Oil	8008-26-2	>5000mg/kg	NE	Prop.
Palm Oil	8002-75-3	NE	NE	Prop.
Corn Oil	8001-30-7	>100mL/kg	NE	Prop.
Soy Oil	8001-22-7	NE	NE	Prop.
Sodium Stearate	822-16-2	>5000mg/kg	NE	Prop.
Sodium Lauryl Sulfate	151-21-3	1288 mg/kg	NE	Prop.
Organic Alcohol	67-63-0	5045mg/kg	NE	<3%
Plant Extracts	Proprietary	NE	NE	Prop.

Section 3: Hazards Identification

Emergency Overview
Appearance and Odor: Slightly Viscous Liquid, Blue, Faint Odor
No Known Hazards. As defined by OSHA's Hazard Communication Standard, this product is non-hazardous.

Potential Health Effects:

Eyes: No evidence of Adverse effect
Inhalation: No evidence of Adverse effect
Ingestion: No evidence of Adverse effect

See section 11 for toxicology and carcinogenicity on Product Ingredients.

Skin and Skin Absorption: No evidence of Adverse effect
Potential Health Effects: No evidence of Adverse effect
Chronic Effects: No evidence of Adverse effect

Medical Conditions Aggravated by Exposure: None Known

Section 4: First Aid Measures

EYES: No Evidence of Adverse Effects
INHALATION: No Evidence of Adverse Effects
INGESTION: No Evidence of Adverse Effects
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known

SKIN & SKIN ABSORPTION: No Evidence of Adverse Effects
POTENTIAL HEALTH EFFECTS: No Evidence of Adverse Effects
CHRONIC EFFECTS: No Evidence of Adverse Effects

NOTE TO PHYSICIANS: No Specific Instructions

See Section 11 for Toxicology and Carcinogenicity information on product ingredients

Section 5: Fire Fighting Measures

Flash Point: None (TCC)
UEL: NA
LFL: NA

Flammable Properties: As defined by OSHA, this product is non-flammable

Autoignition Temperature: NE
Explosion Sensitivity to Impact: None
Protection to Firefighters: None
Explosion Sensitivity to Static Discharge.: None
Products of Combustion: None
No special Precautions needed.

Suitable Extinguishing Media:

This Material will not burn. Use extinguishing media appropriate for surrounding fire.

Section 6: Accidental Release Measures

Personal Precautions:
Methods for Containment and Cleanup:

Evacuate the Area as the floor may be slippery. Use care to prevent Slips and Falls.
 Rinse area thoroughly with water. This product is safe to wash into waste systems.

Section 7: Handling and Storage

Handling procedures: No Special procedures needed.
Storage Procedures: Store in a cool, well ventilated area. Avoid low temperatures.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: None Required
Respiratory Protection: None Required
Eye / Face Protection: None Required
Skin Protection: None Required
Gloves: None Required
Other Safety Equipment: None Required

Exposure Guidelines:

Component	OSHA		ACGIH		OTHER		
	TWA	STEL	TWA	STEL	TWA	Source	Unit
Filtered Water	NE	NE	NE	NE	NA	NA	NA
Plant Extracts	NE	NE	NE	NE	NE	NA	NA
All other components have Vacated values for exposure or hazard due to denaturing when added to the proprietary base compound							
NE=Not Established		C= Ceiling		S=Skin		V= Vacated	

Section 9: Physical and Chemical Properties

Specific gravity: 1,001
Initial Boiling Point: 214° F
Solubility in Water: Complete

Physical State: Liquid
Color: Blue
Odor: Faint Odor
pH: 8.7
Freezing Point: 25° F
Evaporation Rate: NE
Vapor Density: NE
Vapor Pressure: NE

Volatile Organic Compounds:

VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR parts 9 and 59

Estimated tested amount per product = <1mm/Hg

Section 10: Stability and Reactivity

Stability: Stable
Incompatible Materials: None Known

Conditions to avoid: None
Hazardous decomposition Products: None
Possibility of Hazardous Reaction: None Known

Section 11: Toxicological Information

IARC Monographs: None
OSHA Regulated: No
Embroyotoxicity: None
Mutagenicity: None
Chronic Effects: None
Teratogenicity: None
Skin Sensitization: None
Respiratory Sensitization: None
Reproductive Toxicity: None
Name of Synergistic Product or Effect: None

Irritancy of Product: None
ACGIH (A1, A2 or A3): None
Acute Exposure Effects: None
Carcinogenicity: This Product does not contain any known or suspected human carcinogens

Section 12: Ecological Information

Section 13: Disposal Considerations

Ecotoxicity / Aquatic Toxicity: None
Persistence / Degradability: Readily Biodegradable
Chemicals contained are not listed as hazardous waste. Safe to wash into waste systems.
 Always dispose as per Federal, State or local regulations.

Section 14: Transport Information

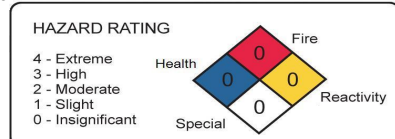
Section 15: Regulatory Information-U.S. Federal

Proper Shipping Description: US DOT: None
PIN: None
TDG: None
Special Provisions: None
Toxic Substance Control Act: All ingredients are exempt.
Comprehensive Environmental Response, Compensation and Liability Act (CIRCLA) Reportable Quantities (RQ's) for the following Ingredients: None
Spills of any ingredient at or above the RQ level require an immediate notification of the National Response Center (800)424-8802 and Local Agencies
Superfund Amendments Reauthorization ACT (SARA) Title III Section 302 Extremely Hazardous Substances (EHS): None
Other Regulatory Info.: None
 This product contains the following substances subject to SARA reporting (sections 311, 312 and 313) and 40 CFR part 372: None
 State regulations: This product contains NO harmful ingredients under California Prop 65 Safe drinking water and Toxic Enforcement Act: None

State Right To Know

Massachusetts: None New Jersey: None Pennsylvania: None Rhode Island: None Clean Air Act: None

Section 16: Other Information



Prop.: Proprietary
CAS: Chemical Abstract Service
OSHA: Occupational Safety & Health Administration
PPE: Personal protective Equipment
PMCC: Pinsky-Martins Closed Cup
NIOSH: National Institute of Occupational Safety & Health
ACGIH: American Conference of Government Industrial Hygienists

Keys to abbreviations: NA: Not Applicable
 ND: Not Determined
 g/L: Grams per liter
 TCC: Tags Closed Cup
 ppm: Parts per Million
 TLV: Threshold limit Value
 TWA: Time Weighted Average
 lbs. / gal: Pounds per Gallon
 STEL: Short Term Exposure Limit
 PEL: Permissible Exposure Limit

NE: Not Established
mg: Milligram
ml: Milliliter
kg: Kilogram
gr: Gram
k: 1000

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