

# MATERIAL SAFETY DATA SHEET

Date Prepared - 07/24/06

(Prepared According to 29CFR 1910.1200)

Product Code:225

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

Company: WISE Solutions, Inc.  
Address: PO Box 840, Freedom, CA 95019  
Product Name: **WISE Bio-Boat Wash**

Emergency Phone 215-225-2551  
Product Type: BIOBASED Plant /Cleaner/ Solvent

**SECTION 2: INGREDIENTS**

**CHEMICAL NAME** N/A **FORMULA: Proprietary**

COMPLIES WITH OSHA 29 CFR - 1910.1200 SECTION (i) "TRADE SECRETS",  
CONTAINS NO HAZARDOUS COMPONENTS UNDER CURRENT OSHA DEFINITIONS.

**100% BIOBASED** Product ingredients: Alkanoamines, amino acids, plant/vegetable extracts, glyconic acid, coconut oil, nonionic surfactants, plant based fatty acids, Bio soap, and organic alcohol in base of colloidal micelles.

**NOTE:**

All ingredient contained are approved as Organic Materials as reviewed by Institute for organic crop production.

**SECTION 3: PHYSICAL DATA / CHEMICAL PROPERTIES**

BOILING POINT 214.40 F FREEZING POINT 25F SPECIFIC GRAVITY 1.001 VAPOR PRESSURE \*NE  
(H<sub>2</sub>O = 1) VAPOR DENSITY \*NE SOLUBILITY Complete  
(Air = 1) WATER, % by wt. \*NE EVAPORATION RATE \*NE  
APPEARANCE AND ODOR Slightly Viscous, Pale Blue, Faint Odor. PH 8.4

**(Certificate of ANALYSIS completed on 05-23-05 (1 to 10 blend)Cresson Lab)**

METHOD	PARAMETER	RESULT	UNITS
<b>EPA 160.4</b>	Total Solids	0.42%	%
<b>AOAC 978.02</b>	Total Nitrogen (N)	0.033	%
<b>AOAC 920.03</b>	Nitrogen, Ammoniacal (N)	0.014	%
<b>AOAC 958.01</b>	Phosphorus (P)	< 0.1	%
<b>ATOMIC Absorption</b>	Iron	< 2.5	mg/Kg
	Magnesium (Mg)	< 2.5	mg/Kg
	Potassium (K)	< 2.5	mg/Kg
	Sodium (Na)	13	mg/L

**RadiocarbonC-14 4/17/05 USDA approved testing lab**

Meets USDA proposed requirements for product tested at 84 (range 83-92; N=8) Minimum BIOBASED contact n=5

**Clean Air Solvent**

SCAQMD Method 313-91 No VOHAP, ODC or GWC detected.

Reactivity of the compound detected is below the MIR value of Toluene VOC is estimated to be 174 g/L, VOC composite partial est. < 1mm Hg (1:7) dilution VOC is 20.0 g/L meets CAS criteria.

**SECTION 4: FIRST AID MEASURES**

SWALLOWING: No harmful effects expected. INHALATION: No emergency care anticipated.  
SKIN: Rinse with water. EYES: Flush with water.

**NOTES TO PHYSICIAN**

Long term, widespread usage and review of ingredients indicate this product to be generally regarded as a safe (GRAS) product. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

**SECTION 5: FIRE AND EXPOSION HAZARD DATA**

FLASH POINT: NE >200.0 F  
FLAMMABLE LIMITS: LOWER N/A UPPER N/A  
EXTINGUISHING MEDIA: N/A  
SPECIAL FIRE FIGHTING PROCEDURES: N/A UNUSUAL FIRE & EXPLOSION HAZARD N/A

**SECTION 6: HEALTH HAZARD DATA****EFFECTS OF ACUTE OVEREXPOSURE**

SWALLOWING: No evidence of adverse effects. EYE CONTACT: No evidence of adverse effects.  
SKIN ABSORPTION: No evidence of adverse effects. INHALATION: No evidence of adverse effects.  
SKIN CONTACT: No evidence of adverse effects. OTHER HEALTH HAZARDS: None currently known.  
AFFECTS OF REPEATED EXPOSURE: No evidence of adverse effects.

**Carcinogens and Toxins:**

**Does not contain any known or suspected human carcinogens in concentrations equal to or greater than .01% (by weight) as defined in: Code of Federal Regulations 29 CFR 1910.1000 series, OSHA).**

**SECTION 7: HANDLING AND STORAGE**

Safe handling procedures: None  
 Storage requirements: Store in a cool, well-ventilated area. Avoid low temperatures.

**SECTION 8: STABILITY AND REACTIVITY**

Stability and reactivity: Stable at room temperature, in normal handling and storage conditions.  
 Polymerization: Hazardous polymerization will not occur.  
 Conditions to avoid: None reported  
 Materials to avoid: None reported  
 Hazardous decomposition products: None reported

**SECTION 9: TOXICOLOGICAL INFORMATION**

Exposure limits: None Available (N/Av) for the product. For more details, refer to Section 3.  
 Carcinogenicity: **No ingredient listed by IARC, ACGIH, NTP and OSHA as a carcinogen.**  
 Teratogenicity, mutagenicity, other reproductive effects: N/Av  
 Skin sensitization: N/Av  
 Respiratory tract sensitization: N/Av  
 Synergistic materials: N/Av

**SECTION 10: ECOLOGICAL INFORMATION**

Environmental effects: N/Av  
 Important environmental characteristics: N/Av  
 Aquatic toxicity: N/Av  
 Chemicals contained: DOES NOT contain Class I or Class II Ozone depleting substances as defined by 40 CFR 82 equal or greater 1.0 % Wt.

**SECTION 11: DISPOSAL CONSIDERATIONS**

Personal precautions: Evacuate the spill area as floor may be slippery. Use care to prevent falling.  
 Spill response/Cleanup: Flush area with water.  
 Environmental precautions: Dispose of as per local, state and federal regulations.

Chemicals contained are not listed as Hazardous waste in accordance with 40 CFR 261  
 Volatile Organic Compounds (VOC's) VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR Parts 9 and 59. Est. tested amount our product < 1mmHg .

**SECTION 12: TRANSPORT INFORMATION**

Transportation of Dangerous Goods (TDG): Not Regulated

**SECTION 13: REGULATORY INFORMATION / AGENCY APPROVALS****Government Hazard Rating****WISE Bio-Boat Wash - Concentrate Safety**

4 = EXTREME	<b>FIRE</b>	<b>Rating</b>	<b>0</b>
3 = HIGH	<b>REACTIVITY</b>		<b>0</b>
2 = MODERATE	<b>TOXICITY</b>		<b>0</b>
1 = SLIGHT	<b>SPECIAL</b>		<b>0</b>
0 = INSIGNIFICANT			

**Contains no ingredients listed on OSHA hazardous material list, however, use normal precautions while diluting from concentrate.**

**SECTION 14: OTHER INFORMATION**

The above, set forth in technical data supplied to the Manufacturer, has been edited to avoid disclosure of proprietary information and to avoid redundancy. All inquires concerning the content of this document should be directed to the Distributor or Manufacturer.

**Abbreviations:**

ACGIH	American Conference of Governmental Industrial Hygienists	CAS	Chemical Abstract Service
IAR	International Agency for Research on Cancer	CFR	Code of Federal Regulation
NIOSH	National Institute for Occupational Safety and Health	VOC's	Volatile Organic Compounds
NTP	National Toxicology Program (U.S.A.)	OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit	STEL	Short-term Exposure Limit
TLV	Threshold Limit Value	TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System	N/A	Not Applicable
NE	None Established	N/Av	Not Available