



MATERIAL SAFETY DATA SHEET

SECTION 1: Product And Company Identification

Product Name: Heavy Duty Cleaner/Degreaser **Emergency Contact:** 800-491-WISE
Product ID#: HDD002 **Bio-based Plant / Cleaner** **www.wisesolutions.net**
Distributed by: WISE Solutions, Inc. P.O. Box 840 Freedom, CA 95019
General Information: 800-491-WISE **Technical Assistance:** 800-491-WISE **Fax Number:** 831-728-1753

Section 2: Composition / Information on Ingredients

Component	CAS #	LD50# (oral rat)	LD60#	% Wt.
Filtered Water	7732-18-5	>99,999ml/kg	NE	Prop.
Plant Extracts	Proprietary	NE	NE	Prop.

Section 3: Hazards Identification

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

Potential Health Effects:

See section 11 for toxicology and carcinogenicity on Product Ingredients.

Eyes: No evidence of Adverse effect **Skin and Skin Absorption:** No evidence of Adverse effect
Inhalation: No evidence of Adverse effect **Potential Health Effects:** No evidence of Adverse effect
Ingestion: 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 **SKIN & SKIN ABSORPTION:** No Evidence of Adverse Effects
INHALATION: No Evidence of Adverse Effects **POTENTIAL HEALTH EFFECTS:** No Evidence of Adverse Effects
INGESTION: No Evidence of Adverse Effects **CHRONIC EFFECTS:** No Evidence of Adverse Effects
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known **NOTE TO PHYSICIANS:** No Specific Instructions

See Section 11 for Toxicology and Carcinogenicity information on product ingredients

Section 5: Fire Fighting Measures

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

Flash Point: None (TCC) **Autoignition Temperature:** NE **Explosion Sensitivity to Static Discharge.:** None
UEL: NA **Explosion Sensitivity to Impact:** None **Products of Combustion:** None
LEL: NA **Protection to Firefighters:** No special Precautions needed.

Suitable Extinguishing Media: This Material will not burn. Use extinguishing media appropriate for surrounding fire.

Section 6: Accidental Release Measures

Environmental Precautions: None required

Personal Precautions: Evacuate the Area as the floor may be slippery. Use care to prevent Slips and Falls.
Methods for Containment and Cleanup: 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

		Exposure Guidelines:		OSHA		ACGIH		OTHER		
		Component		TWA	STEL	TWA	STEL	TWA	Source	Unit
Engineering Controls:	None Required	Filtered Water	NE	NE	NE	NE	NE	NA	NA	NA
Respiratory Protection:	None Required	Plant Extracts	NE	NE	NE	NE	NE	NE	NA	NA
Eye / Face Protection:	None Required									
Skin Protection:	None Required									
Gloves:	None Required									
Other Safety Equipment:	None Required									
		NE=Not Established		C= Ceiling		S=Skin		V= Vacated		

Section 9: Physical and Chemical Properties

Physical State: Liquid **Freezing Point:** 25° F
Specific gravity: 1,001 **Color:** Light Blue **Evaporation Rate:** NE
Initial Boiling Point: 200° F **Odor:** Faint Odor **Vapor Density:** NE
Solubility in Water: Complete **pH:** 9.7 **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

Possibility of Hazardous Reaction:

None Known

Stability: *Stable* Incompatible Materials: *None Known* Conditions to avoid: *None* Hazardous decomposition Products: *None*

Section 11: Toxicological Information

Irritancy of Product: *None* ACGIH (A1, A2 or A3): *None* Acute Exposure Effects: *None*

IARC Monographs: *None* OSHA Regulated: *No* Embryotoxicity: *None* Mutagenicity: *None* Chronic Effects: *None* Teratogenicity: *None*

Skin Sensitization: *None* Respiratory Sensitization: *None* Reproductive Toxicity: *None* Name of Synergistic Product or Effect: *None*

Carcinogenicity: *This Product does not contain any known or suspected human carcinogens*

Section 12: Ecological Information

Ecotoxicity / Aquatic Toxicity: *None* Persistence / Degradability: *Readily Biodegradable*

Section 13: Disposal Considerations

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

Proper Shipping Description: *US DOT: None* PIN: *None* TDG: *None* Special Provisions: *None*

Section 15: Regulatory Information-U.S. Federal

Toxic Substance Control Act: *All ingredients are exempt.*

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) 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

(HMIS) Health: **0** Flammability: **0** Reactivity: **None** PPE: **None**

Prop.: *Proprietary* **Keys to abbreviations:** TCC: *Tags Closed Cup* NE: *Not Established*

CAS: *Chemical Abstract Service* NA: *Not Applicable* ppm: *Parts per Million*

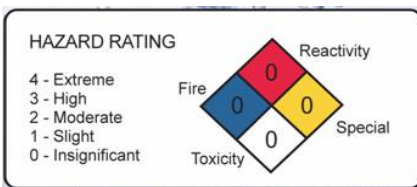
OSHA: *Occupational Safety & Health Administration* TLV: *Threshold limit Value*

PPE: *Personal protective Equipment* ND: *Not Determined* TWA: *Time Weighted Average*

PMCC: *Pensky-Martins Closed Cup* g/L: *Grams per liter* lbs. / gal: *Pounds per Gallon*

NIOSH: *National Institute of Occupational Safety & Health* STEL: *Short Term Exposure Limit*

ACGIH: *American Conference of Government Industrial Hygienists* PEL: *Permissible Exposure Limit*



The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of WISE Solutions' knowledge or obtained from sources WISE Solutions believes to be accurate. Before using any product, read all warnings and instructions on the label.

Phone: 800-491-WISE Changes since last Revision: *NA* Revision Date: 11/30/2007