

SECTION 1: Product And Company Identification

Product Name: Heavy Duty Degreaser	Bio-based Plant / Cleaner / Degreaser	Emergency Contact: (800) 491 9473
Product ID#: HDD001		wisesolutions.ws
Manufactured by: Wise Solutions	700 Enos lane	Corralitos, Ca. 95076
General Information: (800) 491 9473	Technical Assistance: (800) 491 9473	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.
Lime Oil	8008-26-2	NE	NE	Prop.

Section 3: Hazards Identification

Appearance and Odor: Slightly Viscous Liquid, Light Amber, Faint Ammonia Odor

No Known Hazards. As defined by OSHA'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	
Filtered Water	NE	NE	NE	NE	NE	NA	NA	NA	
Plant Extracts	NE	NE	NE	NE	NE	NA	NA	NA	
Lime Oil	NE	NE	NE	NE	NE	NA	NA	NA	
		NE=Not Established		C= Ceiling		S=Skin		V= Vacated	

Engineering Controls: None Required
 Respiratory Protection: None Required **OSHA PEL:** NE
 Eye / Face Protection: None Required **ACGIH TLV:** NE
 Skin Protection: None Required
 Gloves: None Required
 Other Safety Equipment: None Required

Section 9: Physical and Chemical Properties

Physical State: Liquid	Freezing Point: 25° F	
Specific gravity: 1,001	Color: Light Amber	Evaporation Rate: NE
Initial Boiling Point: 214° F	Odor: Faint Ammonia 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 (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

(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 mg: Milligram

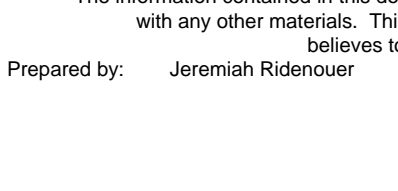
OSHA: Occupational Safety & Health Administration TLV: Threshold limit Value ml: Milliliter

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

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

NIOSH: National Institute of Occupational Safety & Health STEL: Short Term Exposure Limit k: 1000

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

HAZARD RATING


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.