



MATERIAL SAFETY DATA SHEET



SECTION 1: Product And Company Identification

Product Name: Bird Repellent
Product ID#: CR001
Manufactured by: LH Organics, LLC.
General Information: 925-376-1400

Bio-based Plant 25 (b) / 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

Section 3: Hazards Identification

Component	CAS #	LD50# (oral rat)	LD60#	% Wt.
Filtered Water	7732-18-5	>99,999ml/kg	NE	Prop.
Plant Extracts	Proprietary	NE	NE	Prop.
Lemongrass oil	2007-02-1	NE	NE	Prop.
Garlic Oil	8000-78-0	850 mg/kg	NE	Prop.
Almond Oil	8007-69-0	NE	NE	Prop.
Thyme Oil	8007-46-3	2840 mg/kg	NE	Prop.
Clove Oil	8000-34-8	3720 mg/kg	NE	Prop.
Peppermint Oil	8006-90-4	2426 mg/kg	NE	Prop.
Coconut Oil	8001-31-8	NE	NE	Prop.
Glacial Acetic Acid	64-19-7	3310 mg/kg	NE	Prop.
Paprika	N/A	NE	NE	Prop.
Grape Pomace	N/A	NE	NE	Prop.
Stearic Acid	57-11-4	5000 mg/kg	NE	Prop.
Sodium Chloride	7647-14-5	3000mg/kg	NE	Prop.
Citric Acid	77-92-9	NE	NE	prop.
Palm Oil	8002-75-3	NE	NE	Prop.
Rosemary Oil	8000-25-7	5000 mg/kg	NE	Prop.
Hydrogenated Palm Oil	68514-74-9	NE	NE	Prop.

Emergency Overview
Appearance and Odor: Slightly Viscous Liquid, Dark Amber, Faint Spice 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
Inhalation: No evidence of Adverse effect
Ingestion: No evidence of Adverse effect
Medical Conditions Aggravated by Exposure: None Known

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

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

Section 5: Fire Fighting Measures

Flash Point: None (TCC)
UEL: NA
LFL: NA
Suitable Extinguishing Media: This material will not burn. Use extinguishing media appropriate for surrounding fire.

Autoignition Temperature: NE
Explosion Sensitivity to Impact: None
Protection to Firefighters: No special Precautions needed.

Explosion Sensitivity to Static Discharge.: None
Products of Combustion: None
Environmental Precautions: None required

Section 6: Accidental Release Measures

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

Section 7: Handling and Storage

Methods for Containment and Cleanup: Rinse area thoroughly with water. This product is safe to wash into waste systems.

Section 8: Exposure Controls / Personal Protection

Storage Procedures: Store in a cool, well ventilated area. Avoid low temperatures.

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

OSHA PEL: NE
ACGIH TLV: NE

Component	OSHA		ACGIH		OTHER	
	TWA	STEL	TWA	STEL	TWA	Source Unit
Filtered Water	NE	NE	NE	NE	NA	NA
Plant Extracts	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 gr: Gram
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

Physical State: Liquid
Color: Dark Amber
Odor: Faint Spice Odor
pH: 9.7

Freezing Point: 25° F
Evaporation Rate: NE
Vapor Density: NE
Vapor Pressure: NE

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information

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

Section 12: Ecological Information

Section 13: Disposal Considerations

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

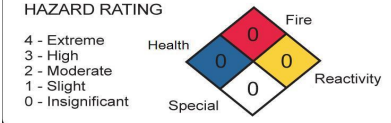
This product contains the following substances subject to SARA reporting (sections 311, 312 and 313) and 40 CFR part 372: None

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: (HMS) 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:
TCC: Tags Closed Cup
ppm: Parts per Million
TLV: Threshold limit Value
ND: Not Determined
g/L: Grams per liter
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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