



MATERIAL SAFETY DATA SHEET

SECTION 1: Product And Company Identification

Product Name: Wise Solutions Colloidal Bio-Insect Control™ **Emergency Contact:** (800) 491 9473
Product ID#: CPC001 **Bio-based Plant 25(b) / Pesticide** www.wisesolutions.net
Manufactured by: Wise Solutions PO Box 840 Freedom, CA 95019
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.
Hydrogenated Palm Oil	n/a	2000 mg/kg	NE	Prop.
Acetic Acid	5743-26-0	3310 mg/kg	NE	Prop.
Sodium Salt	7647-14-5	NE	NE	Prop.
Coconut Oil	8001-31-8	NE	NE	Prop.
Palm Oil	8002-75-3	NE	NE	Prop.
Lemongrass oil	2007-02-1	NE	NE	Prop.
Thyme Oil	8007-46-3	2840 mg/kg	NE	Prop.
Clove Oil	8000-34-8	3720 mg/kg	NE	Prop.
Sodium Lauryl Sulfate	151-21-3	1288 mg/kg	NE	Prop.
Citric Acid	77-92-9	NE	NE	Prop.
Garlic Oil	8000-78-0	850 mg/kg	NE	Prop.
Cedar oil	8000-27-9	NE	NE	Prop.
Almond Oil	8007-69-0	NE	NE	Prop.
Rosemary Oil	8000-25-7	5000 mg/kg	NE	Prop.
Peppermint Oil	68917-18-0	2426 mg/kg	NE	Prop.

Section 3: Hazards Identification

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

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

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

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:				OTHER		
	OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL	TWA	Source	Unit
Filtered Water	NE	NE	NE	NE	NA	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

Physical State: Liquid **Freezing Point:** 25° F
Specific gravity: 1,001 **Color:** Amber or Green **Evaporation Rate:** NE
Initial Boiling Point: 214° F **Odor:** Faint Garlic 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

Stability: Stable **Compatibility Materials:** None Known **Conditions to avoid:** None **Possibility of Hazardous Reaction:** None Known
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 **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
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:** Grain
NIOSH: National Institute of Occupational Safety & Health **STEL:** Short Term Exposure Limit **k:** 100C
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.

Prepared by: Jeremiah Ridenour **Phone:** (800) 491 9473 **Changes since last Revision:** Updated Chart **Revision Date:** 3/8/2008