

SAFETY DATA SHEET**PERITECT 360 INSECT CONCENTRATE (IC)
LIPHATECH, INC.****SECTION 1: IDENTIFICATION****Product Identifier:**

Trade Name: Peritect 360 Insect Concentrate; Peritect 360 IC
SDS Date of Preparation: November 20, 2024

Relevant Identified Uses of the Substance of Mixture and Uses Advised Against

Recommended Use: FIFRA 25(b) Minimum Risk Insecticide, follow label directions.
Restrictions on Use: Follow label directions. Do not apply on or around electrical wiring.
Do not apply to hot surfaces or equipment.

Details of the Supplier of the Safety Data Sheet:

Manufacturer: Liphatech, Inc.
3600 W. Elm Street
Milwaukee, WI 53209
Information Phone Number: 1-800-351-1476

Emergency Telephone Number: Human or Animal exposures: RMPDC 1-866-519-9168 (24 hrs)

Emergency Spill Information: CHEMTREC 1-800-424-9300 (24 hrs)

SECTION 2: HAZARDS IDENTIFICATION**GHS Classification:**

Physical	Health
Not Classified	Eye Damage Category 1 Skin Irritant Category 2 Skin Sensitization Category 1 Specific Target Organ Toxicity Single Exposure Category 3

Label Elements:

Danger!

**Hazard Phrases**

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.

Precautionary Phrases

Avoid breathing mists or vapors. Wear protective gloves and eye protection when mixing and handling product.
Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.
Store upright in original container in an area inaccessible to children and pets. Store in a cool, dry, and dark area. Dispose of contents and container in accordance with local and national regulations.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Active Ingredients in Product:

Chemical Name	CAS No.	Percentage (%)
Geraniol	106-24-1	31.5
Sodium Lauryl Sulphate	151-21-3	14.0
Cornmint Oil	68917-18-0	3.5
Clove Oil	8000-34-8	3.5

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures:

IF IN EYES: Flush eyes thoroughly with water for several minutes, while holding the eyelids apart. Remove contact lenses if easy to do so and continue flushing for several more minutes. Get medical attention if irritation persists

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Flush skin thoroughly with water for several minutes. Get medical attention if irritation or rash occurs.

IF SWALLOWED: Do not induce vomiting unless told to do so by medical personnel. Get medical attention if symptoms develop.

IF INHALED: Remove person to fresh air. Call a doctor for medical advice if the person has difficulty breathing or irritation persists.

Most Important symptoms and effects, both acute and delayed: May cause severe eye irritation with possible eye damage. May cause moderate skin and respiratory tract irritation. May cause skin sensitization.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use any media that is appropriate for the surrounding fire.

Special Hazards Arising from the Chemical: Not classified as flammable or combustible. During a fire, this product may release oxides of carbon and other toxic or irritating compounds.

Special Equipment and Precautions for Fire-Fighters: Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with eyes, skin, or clothing. Wear appropriate protective equipment (see Section 8) to prevent eye and skin contact including protective gloves, safety goggles and respirator if needed. Avoid breathing mists or vapors.

Methods and Material for Containment and Cleaning Up:

Cover with an inert absorbent material and collect into an appropriate container for disposal. Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Read the product label before using this 25(b) insecticide. Avoid breathing mists and vapors. Avoid contact with the eyes, skin and clothing. Always wear protective gloves and eye protection when mixing and handling this material. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Do not eat, drink, or smoke in the work area. Keep product away from heat and flames. Keep containers closed when not in use.

Conditions for Safe Storage, Including any Incompatibilities:

Store upright in original container in an area inaccessible to children and pets. Store in a cool, dry, and dark area. Keep container tightly closed when not in use.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Chemical Name	Exposure Limits
Geraniol	None Established
Sodium Lauryl Sulphate	None Established
Cornmint Oil	None Established
Clove Oil	None Established

Appropriate Engineering Controls:

Special ventilation is not required for the normal handling and use of this product when following label instructions.

Personal Protective Equipment:

Respiratory Protection: In operations where exposure levels are excessive, an approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Protective gloves are recommended to prevent skin contact. Contact your glove supplier for selection assistance.

Eye Protection: Chemical safety glasses or goggles should be worn to prevent eye contact.

Other Protective Equipment: Impervious clothing is recommended to prevent skin contact and contamination of personal clothing. An eye wash facility and safety shower should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow liquid	Vapor Pressure: No data available
Odor: Characteristic odor	Vapor Density (air = 1): No data available
Odor Threshold: Not established	Relative Density: No data available
pH: No data available	Solubility(ies): Soluble in water
Melting Point/Freezing Point: 0°C (32°F) (approximate)	Partition coefficient (n-octanol/water): No data available
Boiling Point/Range: 100.3°C (212.5°F) (similar product)	Auto-ignition Temperature: No data available
Flash Point: >100.3°C (>212.5°F) (PMCC) (similar product)	Decomposition Temperature: No data available
Evaporation Rate: No data available	Viscosity: No data available
Flammability (solid, gas): Not applicable	Flammable Limits: LEL: No data available UEL: No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Keep away from heat and open flames. Do not apply on or around electrical wiring. Do not apply to hot surfaces or equipment.

Incompatible Materials: Strong oxidizing agents, strong acids, and strong bases.

Hazardous Decomposition Products: Thermal decomposition will produce oxides of carbon and other toxic or irritating compounds.

SECTION 11: TOXICOLOGY INFORMATION

Potential Health Effects:

Eye: May cause severe eye irritation with pain, tearing, and redness. May cause permanent eye damage.

Skin: May cause moderate skin irritation. May cause an allergic skin reaction (sensitization).

Inhalation: Inhalation of mists or vapors may cause moderate nose and upper respiratory tract irritation.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Chronic Hazards: None known.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, and NTP.

Acute Toxicity Values:

Product ATE:	>2000 mg/kg (oral), >5000 mg/kg (dermal)
Geraniol:	Oral rat LD ₅₀ : 3600 mg/kg, Skin rabbit LD ₅₀ : >5000 mg/kg
Sodium Lauryl Sulphate:	Oral rat LD ₅₀ : 1200 mg/kg, Skin rabbit LD ₅₀ : >2000 mg/kg
Cornmint Oil:	Oral rat LD ₅₀ : 1240 mg/kg
Clove Oil:	Oral rat LD ₅₀ : 2650 mg/kg, Skin rabbit LD ₅₀ : 2500 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Geraniol:	96 hr LC ₅₀ Danio rerio- 22 mg/L, 48 hr EC ₅₀ Daphnia magna- 10.8 mg/L, 72 hr EC ₅₀ Desmodesmus subspicatus- 13.1 mg/L
Sodium Lauryl Sulphate:	96 hr LC ₅₀ Pimephales promelas- 29 mg/L, 48 hr EC ₅₀ Ceriodaphnia dubia- 5.55 mg/L, 42 days NOEC Pimephales promelas- ≥1.357 mg/L
Cornmint Oil:	96 hr LC ₅₀ Fish- 3.01 mg/L(QSAR), 48 hr EC ₅₀ Daphnia magna- 2.43 mg/L
Clove Oil:	No data available

This product is expected to be harmful to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

Persistence and Degradability: Geraniol and Cornmint Oil are readily biodegradable.

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label. Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Dispose of contents and container in accordance with local and national regulations.

SECTION 14: TRANSPORTATION INFORMATION

	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
US DOT	None	Not regulated	None	None	Not applicable
IMDG	None	Not regulated	None	None	Not applicable
IATA/ICAO	None	Not regulated	None	None	Not applicable

Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code: Not applicable

Special Precautions for User: Not applicable

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: See OSHA Hazard Classification in Section 2.

Section 313 Toxic Chemicals: This product contains no chemicals subject to SARA Title III Section 313 Reporting requirements

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All the ingredients of this product are listed on the TSCA inventory or exempt.

CA Proposition 65: Contains no substances subject to Prop. 65 requirements

FIFRA: This product qualifies for exemption from federal registration under FIFRA Legislation Section 25(b) but is subject to federal pesticide labeling requirements. These labeling requirements differ from the classification criteria and hazard information required for safety data sheets. The following is the hazard information as required on the pesticide label: Signal word: CAUTION

SECTION 16: OTHER INFORMATION

Date of Current Revision: April 30, 2025

Revision Summary: Additional language in Section 15.

Date of Previous Revision: N/A

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