Spectrum Group **Division of United Industries** P. O. Box 142642 St. Louis, MO 63114-0642

## Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

## I Trade Name: Spectracide<sup>®</sup> Malathion Insect Spray Concentrate Product Type: Liquid dilutable insecticide concentrate Product Item Number: 11000 Formula Code Number: 21-0283 **EPA Registration Number** Manufacturer **Emergency Telephone Numbers** Chemsico For Chemical Emergency: 1-800-633-2873 Division of United Industries Corporation For Information: 1-800-332-5553 46515-19-8845 Prepared by: C. A. Duckworth 8494 Chapin Industrial Drive Date Prepared: December 6, 2011 St. Louis, MO 63114 **III** Physical and Chemical Characteristics II Hazards Ingredient/Identity Information Chemical % **OSHA PEL** ACGIH TLV Appearance & Odor: Clear, amber liquid with a characteristic odor. 50.0 NF 10 mg/m<sup>3</sup> **Boiling Point:** Malathion NA (0,0-dimethyl phosphorodthioate Melting Point: NA of diethyl marcaptosuccinate) Vapor Pressure: NA CAS# 121-75-5 Specific Gravity: $1.03 (H_2O = 1)$ Xylene Range Aormatic Solvent 42.5 NF NF Vapor Density: ND CAS# 64742-95-6 % Volatile (by vol.): ND Solubility in Water: Emulsifiable Evaporation Rate: ND IV Fire and Explosive Hazards Data V **Reactivity Data** Flash Point: 120° F, TCC Stability: Stable Flammable Limits: NA Polymerization: Will not occur Autoignition Temperature: NA Conditions to Avoid: Storage at elevated temperatures (above Foam, carbon dioxide, dry chemical & water. Fire Extinguishing Media: 120° F) leads to non-hazardous decomposition. Keep away from Decomposition Temperature: NA heat and open flame. Special Fire-Fighting Procedures: Fight fire upwind. Avoid heavy hose Incompatible Materials: Do not store with strong alkalis and strong streams. Dike area to prevent water run-off. Firemen should wear self-Oxidizers. contained breathing apparatus and rubber clothing. After fire, Hazardous Decomposition firemen should shower and change clothing. Decontaminate used or Byproducts: Thermal decomposition may produce clothing with liquid chlorine bleach. carbon monoxide, carbon dioxide, sulfur dioxide and/or phosphorus Unusual Fire and Explosion Hazards: Vapor and fumes from fire are trioxide hazardous. Evacuate people downwind from fire. VI Health Hazard Data VII Precautions for Safe Handling and Use Ingestion (Swallowing): Harmful if swallowed. First Aid: Do not induce Steps to be Taken in Case Material is Released or Spilled: Avoid breathing vapors. Avoid contact with liquid. Soak up with vomiting. Get medical attention. absorbent material. Wash exposed area thoroughly with light bleach and **NOTE TO PHYSICIAN:** This product contains a cholinesterase inhibitor. water solution. Atropine is antidotal. 2-PAM may also be given in conjunction with atropine. Waste Disposal: Skin Contact: Harmful if absorbed through skin. First Aid: Flush skin with Do not reuse empty container. Securely wrap original container in plenty of water for at least 15 minutes. Remove contaminated clothing several layers of newspaper and discard in trash. and shoes. Call a physician. Handling & Storage Precautions: Cause eye irritation. Avoid contact. First Aid: Flush eyes Eye Contact: Keep in original container. Store in cool, dry place, preferably in a with plenty of water for at least 15 minutes. Call a physician. locked storage area inaccessible to children. Do not store diluted spray. Inhalation Toxicity: Harmful if inhaled. Use with adequate ventilation. Do not store near heat or flame. Avoid breathing spray mist. First Aid: Remove victim to fresh air. Health conditions Aggravated by Exposure: None known Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None VIII Control Measures **IX** Transportation Data Read and follow label directions. They are your best guide to using this DOT: Nor Regulated by DOT (limited quantity) product effectively, and give necessary safety precautions to protect IMDG: Not Regulated by IMDG (limited quantity) IATA: Not Regulated by IATA (limited quantity) your health.

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

**Hazardous Material Identification** System – (HMIS)

HEALTH - 2

FLAMMABILITY - 2

PERSONAL – None

**REACTIVITY - 0**