

Schultz Company
P. O. Box 4406
St. Louis, MO 63044-0406

Material Safety Data Sheet

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

Hazardous Material Identification System – (HMIS)	
HEALTH – 2	REACTIVITY – 0
FLAMMABILITY – 1	PERSONAL – None

I Trade Name: Schultz™ Malathion Concentrate			
Product Type: Liquid dilutable insecticide concentrate			
Product Item Number: 10474		Formula Code Number: 21-0283	
EPA Registration Number	Manufacturer		Emergency Telephone Numbers
46515-19-39609	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		For Chemical Emergency: 1-800-633-2873 For Information: 1-800-257-2941 Prepared by: C. A. Duckworth Date Prepared: August 8, 2003
II Hazards Ingredient/Identity Information		III Physical and Chemical Characteristics	
Chemical Malathion (0,0-dimethyl phosphorodithioate of diethyl marcaptosuccinate) CAS# 121-75-5	% 50.0	OSHA PEL NE	ACGIH TLV 10 mg/m ³
		Appearance & Odor: Clear, amber liquid with a characteristic odor.	
		Boiling Point: NA	
		Melting Point: NA	
		Vapor Pressure: NA	
		Specific Gravity: 1.03 (H ₂ O = 1)	
		Vapor Density: ND	
		% Volatile (by vol.): ND	
		Solubility in Water: Emulsifiable	
IV Fire and Explosive Hazards Data		V Reactivity Data	
Flash Point: 102° F, TCC		Stability: Stable	
Flammable Limits: NA		Polymerization: Will not occur	
Autoignition Temperature: NA		Conditions to Avoid: Storage at elevated temperatures (above 120° F) leads to non-hazardous decomposition. Keep away from heat and open flame.	
Fire Extinguishing Media: Foam, carbon dioxide, dry chemical & water.		Incompatible Materials: Do not store with strong alkalis and strong Oxidizers.	
Decomposition Temperature: NA		Hazardous Decomposition or Byproducts: Thermal decomposition may produce carbon monoxide, carbon dioxide, sulfur dioxide and/or phosphorus trioxide.	
Special Fire-Fighting Procedures: Fight fire upwind. Avoid heavy hose streams. Dike area to prevent water run-off. Firemen should wear self-contained breathing apparatus and rubber clothing. After fire, firemen should shower and change clothing. Decontaminate used clothing with liquid chlorine bleach.			
Unusual Fire and Explosion Hazards: Vapor and fumes from fire are hazardous. Evacuate people downwind from fire.			
VI Health Hazard Data		VII Precautions for Safe Handling and Use	
Ingestion: Harmful if swallowed. Call a Poison Control Center or doctor immediately. Do not give any liquid. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person. NOTE TO PHYSICIAN: This product contains a cholinesterase inhibitor. Atropine is antidotal. 2-PAM may also be given in conjunction with atropine. Skin Contact: Harmful if absorbed through skin. Flush skin with plenty of water for at least 15-20 minutes. Remove contaminated clothing and shoes. Call a physician. Eye Contact: Cause eye irritation. Avoid contact. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses after the first 5 minutes then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice. Inhalation Toxicity: Harmful if inhaled. Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a Poison Control Center or doctor for treatment advice. Health conditions Aggravated by Exposure: None known Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None		Steps to be Taken in Case Material is Released or Spilled: Avoid breathing vapors. Avoid contact with liquid. Soak up with absorbent material. Wash exposed area thoroughly with light bleach and water solution. Waste Disposal: If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain. Handling & Storage Precautions: Keep in original container. Store in cool, dry place, preferably in a locked storage area inaccessible to children. Do not store diluted spray. Do not store near heat or flame.	
VIII Control Measures		IX Transportation Data	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.		DOT Shipping Name: Not Regulated by DOT DOT Hazard Class: None	

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