

**MATERIAL SAFETY DATA SHEET**

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND DISTRIBUTOR'S INFORMATION	
<b>NFPA Rating:</b> Health-2; Flammability-3; Reactivity-0; Special-0	<b>HMIS Rating:</b> Health-2; Flammability-3; Reactivity-0; Personal Protection-B
<b>Manufactured For:</b> Triple S Address: 2 Executive Park Dr. Address: Billerica, MA 01862	<b>DOT Hazard Classification:</b> ORM-D <b>Identity</b> (trade name as used on label): <b>METERED INSECTICIDE</b>
Phone: 978-667-7900	<b>MSDS Number:</b> 467      Revision- 11
Emergency Response Number: 1-800-255-3924	Date Prepared: 12/03/97      Prepared By: ES
<b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b> Information Calls: 978-667-7900	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
<b>PETROLEUM DISTILLATES</b>	8052-41-3	No	500	100	d
<b>ISOBUTANE / PROPANE BLEND</b>	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
<b>PYRETHRIN</b>	8003-34-7	No	5mg/M3	5mg/M3	d
<b>PIPERONYL BUTOXIDE, TECHNICAL</b>	51-03-6	Yes	N/E	N/E	d
<b>N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE</b>	113-48-4	No	N/E	N/E	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
<b>Boiling Point:</b> N/A	<b>Specific Gravity</b> (H2O=1): Concentrate Only = 0.790
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): 70-80	<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/A
<b>Vapor Density</b> (Air = 1): N/E	<b>Evaporation Rate</b> ( = 1): N/E
<b>Solubility in Water:</b> Insoluble	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Golden spray with slight insecticide odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) <b>0-14 Inch Flame Extension</b>	<b>Auto Ignition Temperature</b> N/E	<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/E      % UEL: N/E
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): N/A	<b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide, water.	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.		
<b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 130°F or the container may rupture.		

SECTION 4 - REACTIVITY HAZARD DATA	
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR
<b>Incompatibility</b> (Mat. to avoid): Acids, alkalis.	<b>Conditions to Avoid:</b> Open flame, welding arcs, heat.
<b>Hazardous Decomposition Products:</b> CO, CO2.	

SECTION 5 - HEALTH HAZARD DATA	
<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS	
<b>ACUTE EFFECTS:</b>	
<b>Inhalation:</b> Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.	
<b>Eye Contact:</b> Possible mild irritation.	<b>Skin Contact:</b> Possible mild irritation.
<b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs. Nausea.	
<b>CHRONIC EFFECTS:</b> (Effects due to excessive exposure to the raw materials of this mixture) May cause nervous symptoms, nausea, diarrhea, chronic convulsions.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> May aggravate existing eye, skin, or upper respiratory conditions.	

EMERGENCY FIRST AID PROCEDURES	
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritated, seek medical attention.	
<b>Skin Contact:</b> Wash with soap and water. If irritated, seek medical attention.	
<b>Inhalation:</b> Remove to fresh air. Resuscitate if necessary. Get medical attention.	
<b>Ingestion:</b> <b>DO NOT INDUCE VOMITING.</b> Drink two large glasses of water. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
<b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.	
<b>Protective Gloves:</b> Neoprene if skin easily irritated.	<b>Eye Protection:</b> Safety glasses recommended.
<b>Ventilation Requirements:</b> Adequate ventilation to keep vapor concentration below TLV.	
<b>Other Protective Clothing &amp; Equipment:</b> None	
<b>Hygienic Work Practices:</b> Wash with soap and water before handling food. Remove contaminated clothing.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Absorb with suitable medium. Incinerate or landfill according to local, state or Federal regulations. DO NOT FLUSH TO SEWER.	
<b>Waste Disposal Methods:</b> Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.	
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not puncture or incinerate containers. Do not store at temperatures above 130°F.	
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> Avoid food contamination. Avoid breathing vapors. Remove ignition sources.	

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

**THIS MSDS IS CURRENT AS OF JANUARY 10, 2000.** The DATE PREPARED section is the original date assembled and remains current until a change is necessary.