

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 | | | | | |
|--|------------|--|---|---|---------------------------|
| NFPA Rating: Health-1; Flammability-2; Reactivity-0; Special- | | | HMS Rating: Health-1; Flammability-2; Reactivity-0; Personal Protection-B | | |
| Manufactured For: National American Sales Address: P.O. Box 68 Thibodaux, LA 70302 | | | DOT Hazard Classification: ORM-D Identity (trade name as used on label): SHOTGUN II | | |
| Phone: 800-821-3732 | | | MSDS Number: A00437 Revision: 3 | | |
| EMERGENCY RESPONSE NUMBER: INFOTRAC 1-800-535-5053 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA | | | Date Prepared: 06/30/00 Prepared By: DL/CKH Information Calls: (770)422-2071 | | |
| 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 ** |
| PETROLEUM DISTILLATE | 64742-47-8 | No | NE | NE | d |
| TETRAMETHRIN | 7696-12-0 | Yes | NE | NE | d |
| PERMETHRIN | 52645-53-1 | Yes | NE | NE | d |
| PIPERONYL BUTOXIDE | 51-03-6 | Yes | NE | NE | d |
| | | | | | |
| | | | | | |
| SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS | | | | | |
| Boiling Point: N/A | | Specific Gravity (H2O=1): Concentrate Only = .80 | | | |
| Vapor Pressure: PSIG @ 70°F (Aerosols): 85-100 | | Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A | | | |
| Vapor Density (Air = 1): N/E | | Evaporation Rate (= 1): N/E | | | |
| Solubility in Water: None | | Water Reactive: No | | | |
| Appearance and Odor: Jet stream spray with petroleum distillate odor. | | | | | |
| SECTION 3 - FIRE AND EXPLOSION HAZARD DATA | | | | | |
| FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) NOT FLAMMABLE | | Auto Ignition Temperature N/E | | Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E | |
| FLASH POINT AND METHOD USED (non-aerosols): N/A | | EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide. | | | |
| SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. | | | | | |
| Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture. | | | | | |
| SECTION 4 - REACTIVITY HAZARD DATA | | | | | |
| STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE | | HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR | | | |
| Incompatibility (Mat. to avoid): Strong oxidizing agents. | | Conditions to Avoid: Open flame, welding arcs, heat, sparks. | | | |
| Hazardous Decomposition Products: CO, CO2. | | | | | |
| SECTION 5 - HEALTH HAZARD DATA | | | | | |
| PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS | | | | | |
| ACUTE EFFECTS | | | | | |
| Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, anesthetic effects, nausea, respiratory depression, cholinesterase depression. | | | | | |
| Eye Contact: May cause irritation. | | Skin Contact: May cause irritation and mild defatting of skin. | | | |
| Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea, vomiting. | | | | | |
| CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormalities, central nervous system depression, lung, kidney, liver damage, inhibits cholinesterase. | | | | | |
| Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions. | | | | | |
| EMERGENCY FIRST AID PROCEDURES | | | | | |
| Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention. | | | | | |
| Skin Contact: Wash with soap and water. If irritated, seek medical attention. | | | | | |
| Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention. | | | | | |
| Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention. | | | | | |
| SECTION 6 - CONTROL AND PROTECTIVE MEASURES | | | | | |
| Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor. | | | | | |
| Protective Gloves: Rubber, if skin easily irritated. | | Eye Protection: Safety glasses recommended. | | | |
| Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV. | | | | | |
| Other Protective Clothing & Equipment: None | | | | | |
| Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing. | | | | | |
| SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE | | | | | |
| Steps To Be Taken if Material is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER. | | | | | |
| Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard. | | | | | |
| Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F. | | | | | |
| Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. 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