



Invoice # 31079
PO# P0058181

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MATERIAL SAFETY DATA SHEET

SECTION I — PRODUCT IDENTIFICATION

Product Name: BOLT TOTAL RELEASE FOGGER		Product Code: 14835-002	
Chemical or Common Name: NA	Date Issued: 04/19/85	Supersedes: 09/19/84	Prepared by: Gordon B. Bradshaw Materials Data Coordinator

SECTION II — INGREDIENT INFORMATION

	Weight %	Exposure Limit
Pyrethrins	0.50	
Technical Piperonyl Butoxide	1.00	
N-OctylBicycloheptene Dicarboximide	1.67	
Isoparaffinic Hydrocarbon Solvent (CAS #64742-47-8)	11.83	300ppm (Supplier Recommended)
1,1,1-Trichloroethane (CAS #71-55-6)	60	350ppm (ACGIH TLV-TWA) (OSHA PEL)
Propane\Isobutane (CAS #74-98-6, 74-28-5)	Balance	1000ppm (Propane) (OSHA PEL)

SECTION III — PHYSICAL DATA

Appearance/Odor: Dispensed as a fine mist with pungent odor	Specific Gravity (H ₂ O = 1): 0.9
Vapor Pressure (mm Hg.): ND	Percent Volatile by Volume (%): NA
Solubility in Water: Negligible	Vapor Density (Air = 1): ND
Freezing Point (°F): ND	Boiling Point (°F): ND
pH: NA	Evaporation Rate (Butyl Acetate = 1) NA

SECTION IV — FIRE AND EXPLOSION INFORMATION

Flash Point (°F) (Method Used): 20 (TCC) (Propellant)	Flammable Limits ND
Extinguishing Media <input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> Co ₂ <input checked="" type="checkbox"/> Dry Chemical <input checked="" type="checkbox"/> Water Fog <input type="checkbox"/> Other	
Special Fire Fighting Procedures: Normal fire fighting procedures may be used. Keep wetted. Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Dike fire control water for later disposal (See Section VII)	
Unusual Fire and Explosion Hazards: Aerosol product - Containers may rocket or explode in heat of fire. Vapors may accumulate in confined spaces (e.g., pits, sumps, sewers) and inadequately ventilated areas. and ignite in presence of ignition sources (eg. gas heaters, etc). Do not use near open flame.	

SECTION V — HEALTH HAZARD DATA

EMERGENCY ROUTES OF EXPOSURE: Eye Contact _____ Skin Contact X Ingestion _____ Inhalation X

SKIN AND EYE IRRITATION
Direct contact of product with eyes can cause irritation. Prolonged or repeated contact of product with skin may cause illness. Product may cause severe distress and serious illness if taken internally. If taken internally, aspiration of liquid product can cause chemical pneumonitis. Inhalation of product vapors may cause chemical intoxication at high airborne concentrations.

FIRST AID PROCEDURES
Flush eyes with water for 15 minutes. If irritation persists, seek medical aid. Wash skin with plenty of water. If irritation persists, seek medical aid. If product is swallowed, do not induce vomiting. Seek medical aid at once. If difficulty or discomfort in breathing is experienced, remove to fresh air and get medical attention.

SECTION VI — REACTIVITY DATA

Conditions to Avoid: None known to SCJ

Strong acids (e.g., muriatic acid). Strong oxidizing materials (e.g., liquid chlorine).

When exposed to fire, produces normal products of combustion, and an acid mist.

None known to SCJ

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SECTION VII — SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled

Eliminate all ignition sources. Do not let spilled material enter watercourse. Contains pesticides and 1,1,1-trichloroethane may be toxic to aquatic life. Sweep or scrape up and containerize. Absorb with oil-dri or similar inert material.

When Disposed Information
PESTICIDAL WASTE - Observe all applicable Federal/State regulations and local ordinances regarding disposal of pesticide wastes.

16-108 (2) Rev. 3-1994

SECTION VIII — SPECIAL PROTECTION INFORMATION 14835-002

Respiratory Protection (Specify type): No special requirements when label directions are followed. If remaining in enclosed areas during and after use, use appropriate approved respirator to prevent overexposure.

Ventilation: Ventilate area before returning. Do not remain in enclosed areas during and after use.

Protective Gloves: If prolonged or repeated contact is possible: Rubber, PVC or other impermeable material.

Eye Protection: Eye protection not required unless contact with undiluted product is possible.

Other Protective Measures: Use good personal hygiene practices. Where gross eye/skin contact may be a problem, wear/use appropriate protective equipment.

Laundry contaminated equipment before reuse.

SECTION IX — SPECIAL PRECAUTIONS

Precautionary Labeling: Label states: Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Do not remain in closed areas after use. Stay out of rooms being treated for at least two hours. Ventilate area before returning. Remove birds, pets, and cover fish aquariums before spraying. See Section X.

Other Handling and Storage Conditions

Keep out of reach of children. Store in a cool, dry place with adequate ventilation. Do not pressurize, cut, heat, weld or expose container to flame; explosion could occur. Wash thoroughly after handling.

Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. DO NOT use near open flame.

SECTION X — ADDITIONAL INFORMATION

For information on appropriate emergency procedures phone: (414) 631-3000.

CAUTION: Contents under pressure. Do not use near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 120 F may cause bursting.

EPA REC. NO. 4822-135

NA: Not Applicable, NFA: No Special Requirement, ND: Not Determined for this product

The information herein is given in good faith. No warranty, expressed or implied, is made. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and local laws and regulations.

HMIS Ratings: Flammability 4 Reactivity 0 Health 1