

N/A = Not Applicable

MATERIAL SAFETY DATA SHEET

(Prepared According To 29 CFR 1910.1200)

Effective Date 1/91

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: **BETO**
 Generic Name: Insecticide Spray
 Supplier's Name:
 Supplier's Address:
 Proper Shipping Name: Insecticides, Non Agricultural

Chemical Family: N/A
 Formula: N/A
 Phone Number:

NPCA Hazardous Materials Identification System

Health	2
Flammability	1
Reactivity	0
Maximum Personal Protection	B

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
1,1,1-Trichloroethane	71-55-6	65 to 70	350 ppm	350 ppm	450 ppm	No
Petroleum Distillate	64742-47-8	20 to 25	N/A	300 ppm	N/A	No
Carbon Dioxide	124-38-9	0 to 5	5000 ppm	5000 ppm	30,000 ppm	No
Pyrethrins	8003-34-7	.075	5mg/M ³	5mg/M ³	N/A	No
Carbaryl	63-25-2	.500				No
Piperonyl Butoxide	51-03-6	.183				No

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
71-55-6	1,1,1-Trichloroethane	70.0

SECTION 3 - PHYSICAL DATA

Boiling Range (°F): N/A
 Vapor Pressure: 85 psig @68°F
 % Volatile: 95+
 Solubility in Water: Nil
 Physical Description: Aerosol spray with characteristic odor.

Specific Gravity: 1.28
 Vapor Density: (Air=1): >1
 pH: N/A
 Evaporation Rate: (Water=1): >1
 Flash Point (Method Used): N/A
 Upper Explosive Limit: N/A Lower Explosive Limit: N/A
 Extinguishing Media: N/A
 Special Fire Fighting Procedures: N/A
 Unusual Fire and Explosion Hazards: Heated cans may burst.

SECTION 5 - REACTIVITY DATA

Stability: Stable
 Incompatibility (Materials to Avoid): Strong oxidizers.
 Hazardous Decomposition Products: HCl, CO, and phosgene possible if burned.

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
 Keep out of reach of children. For use by trained personnel only.
 Keep container closed during storage. For institutional and industrial use only.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
 Primary Route of Entry:

First Aid Procedures:

Skin: Skin irritant. Prolonged or repeated contact may cause drying, flaking, or dermatitis.
 Eyes: Eye irritant. May cause redness, tearing, pain, or slight corneal injury.
 Inhalation: Irritating to the respiratory tract. May cause slight anesthetic or narcotic effects. Excessive exposure may cause drowsiness, dizziness, and loss of coordination.
 Ingestion: Irritating to the gastrointestinal system. Can cause nausea, vomiting, and diarrhea. May be rapidly absorbed through the lungs if aspirated, and result in injury to other body systems.

Skin: Remove contaminated clothing. Flush affected area with large quantities of water. Seek medical attention if irritation persists.
 Eyes: Flush with large quantities of water. Seek medical attention if irritation persists.
 Inhalation: Get to fresh air. Give oxygen if breathing is difficult. If breathing has stopped, give artificial respiration. Seek medical attention.
 Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation.
 Protective Gloves: Solvent proof.
 Other Protective Equipment: N/A

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
 Eye Protection: Safety glasses.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:

Waste Disposal Method:

Mop up or otherwise absorb and hold for disposal

Any method in accordance with applicable laws