

# MATERIAL SAFETY DATA SHEET

Total Solutions  
P.O. Box 240014  
Milwaukee, WI 53224



GENERAL INFORMATION NUMBER: (414) 354-6417  
CHEMTREC: (800) 424-9300

REVISION DATE: July 28, 2009  
DATE OF ISSUE: August 4, 2009

## I - Product Identification

### Buzzsaw Wasp & Hornet Killer

PRODUCT CODE: 8401

CHEMICAL FORMULATION: Pressurized solvent based residual insecticide.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302	355	372	
Isopropanol	5.0-10.0	400 ppm	200 ppm	N	N	N	67-63-0
Carbon Dioxide	5.0-10.0	5000 ppm	5000 ppm	N	N	N	124-38-9
Tetramethrin	0.200	N/E	N/E	N	N	Y	7696-12-0
Phenothrins	0.125	N/E	N/E	N	N	Y	26002-80-2

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit  
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

BOILING POINT (°F): 390 (estimated)

VAPOR PRESSURE (psig): 70-90 @ 70°F

VAPOR DENSITY (AIR = 1): >1

SOLUBILITY IN WATER: Slight

APPEARANCE AND ODOR: Clear, colorless spray; solvent odor.

SPECIFIC GRAVITY (WATER = 1): 0.81

VOC CONTENT (% by weight): N/D

EVAPORATION RATE (WATER = 1): N/D

pH: N/A

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): N/A

NFPA 30B Rating: 2

FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/A

LOWER: N/A

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, and dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must use full protective gear and self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: Cool containers in the vicinity of fire with water fog. Solvent vapors may cause flashback. Exposure to temperatures above 120°F or prolonged exposure to direct sunlight may cause cans to burst.

---

**V - Reactivity Data**

---

**STABILITY:** Stable

**INCOMPATIBILITY:** Oxidizers, acids and bases.

**CONDITIONS TO AVOID:** Heat and open flame. Dropping of containers may cause bursting.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

---

**VI - Health Hazard Data**

---

**ROUTES OF ENTRY    INHALATION: X    EYE CONTACT: X    SKIN CONTACT: X    INGESTION:**  
**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None  
**EFFECTS OF OVEREXPOSURE**

**IF IN EYES:** May cause moderate eye irritation, stinging, tearing and redness. May result in corneal injury.

**IF ON SKIN:** Prolonged or repeated contact may cause mild skin irritation, redness, burning, drying of skin and skin burns. May be harmful if absorbed through the skin.

**IF SWALLOWED:** May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Possible aspiration hazard - this material can enter lungs during swallowing or vomiting and may cause lung damage.

**IF INHALED:** May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death. May cause peripheral nervous system disorder and/or damage.

**EMERGENCY AND FIRST AID PROCEDURES**

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

**IF ON SKIN:** Remove contaminated clothing and wash with soap and water. If irritation persists, obtain medical attention.

**IF SWALLOWED:** Contact physician or poison control center immediately. Do not induce vomiting unless told to do so by a physician of poison control center. Never give anything to an unconscious person.

**IF INHALED:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

---

**VII - Spill or Leak Protection**

---

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Extinguish all sources of ignition and ventilate area. Soak up on inert absorbent material and place in a labeled closed container for disposal.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities. Dispose of empty cans in non-incinerated trash only.

---

**VIII - Special Protection Information**

---

**RESPIRATORY PROTECTION:** Use with adequate ventilation. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

**VENTILATION**

**LOCAL:** Recommended

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** Chemical resistant.

**EYE PROTECTION:** Safety glasses.

**OTHER PROTECTIVE EQUIPMENT:** Eye wash station.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place. Keep away from heat or open flame. Wash thoroughly after handling. Do not contaminate food, feed or seed by storage or disposal.

**OTHER PRECAUTIONS:** Keep out of reach of children. Do not puncture or incinerate cans.

---

**IX - Transportation Information (ground transportation only)**

---

**DOT ID NUMBER:** None

**DOT PROPER SHIPPING NAME:** Consumer commodity

**DOT CLASS:** ORM-D

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

---

REVISION DATE: July 28, 2009

Prepared by: Technical Dept.

DATE OF ISSUE: August 4, 2009

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Total Solutions assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material such vendees or users assume all risks associated with the use of this material.