

# MATERIAL SAFETY DATA SHEET

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

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## I - Product Identification

### Buzz Saw

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	
Isoparaffinic Hydrocarbon	80.0-90.0	N/E	200 mg/m3	N	N	N	64742-47-8
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	15 mg/m3	10 mg/m3	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): N/D SPECIFIC GRAVITY (WATER = 1): 0.81  
VAPOR PRESSURE (mm Hg): 108 @ 139°F / 81 @ 70°F VOC CONTENT (% by weight): N/D  
VAPOR DENSITY (AIR = 1): >1 EVAPORATION RATE (WATER = 1): N/D  
SOLUBILITY IN WATER: Slight pH: N/A  
APPEARANCE AND ODOR: Clear, colorless spray; solvent odor.

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): 183 (Conc.) NFPA 30B Rating: 2  
FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: 12.7 (Isopropanol) LOWER: 0.5 (Isoparaffinic hydrocarbon)  
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.

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**V - Reactivity Data**

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**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

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**VI - Health Hazard Data**

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**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.

**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:** Harmful or fatal if swallowed. Possible aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and 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 or 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.

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**VII - Spill or Leak Protection**

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**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.

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**VIII - Special Protection Information**

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**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.

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

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**DOT PROPER SHIPPING NAME:** Consumer commodity

**DOT CLASS:** ORM-D

**DOT ID NUMBER:** None

**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.

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