

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
ALPHARETTA, GA 30004  
EMERGENCY/INFO # (800) 241-8180  
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

**MATERIAL SAFETY DATA SHEET****ELECTRO SOLV / 1616****JUNE 2010****PAGE 1**

HEALTH	2
FIRE	0
REACTIVITY	1
P.P.E.	G

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

**SECTION 1 – Chemical and Company Identification**

**PRODUCT TYPE:** Aerosol  
**FORMULA:** Proprietary

**SECTION 2 – Composition on Ingredients**

CHEMICAL NAME	CAS #	% WT	313/ CHEM	SKIN	CARCINOGEN	PEL	TLV-TWA
Trichloroethylene	79-01-6	90-100	YES	NO	YES	100 ppm	10 ppm
Isopropyl Alcohol	67-63-0	01-10	NO	NO	NO	400 ppm	400 ppm
Butylene Oxide	106-88-7	<0.5	YES	NO	YES	N/E	2 ppm*
Carbon Dioxide							
Propellant	124-38-9	01-10	NO	NO	NO	10,000ppm	10,000ppm

\*Recommended Workplace Environmental Exposure Level (WEEL).

**SECTION 3 – Hazards Information****PRIMARY ROUTES OF ENTRY & EFFECTS OF OVEREXPOSURE:****EYES:** Causes severe irritation, redness, tearing, and blurred vision.**SKIN:** Frequent or prolonged contact may cause irritation and possibly dermatitis. May aggravate existing skin conditions.**INHALATION:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract and central nervous system effects, including dizziness, nausea, headaches, unconsciousness, or death. Long-term overexposure may cause liver or kidney injury.**INGESTION:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis and pulmonary edema.**SECTION 4 – First Aid Measures****EYES:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.**SKIN:** Wash with soap and water. If irritation persists seek medical attention.**INHALATION:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.**INGESTION:** Do not induce vomiting. Seek medical attention immediately.**SECTION 5 – Fire Fighting Measures****FLASH POINT (of Concentrate Only):** None to Boiling**FLAMMABILITY (as per USA Flame Projection Test):** Non-Flammable Spray**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, Dry Media**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.**UNUSUAL FIRE & EXPLOSION HAZARDS:** Exposure to temperature above 120°F may cause bursting.**SECTION 6 – Accidental Release Measures****STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State, and local laws.**SECTION 7 – Handling and Storage**

KEEP OUT OF REACH OF CHILDREN. For Industrial and Institutional use only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F.

**NFPA CODE 30B RATING:** Level 1 Aerosol**SECTION 8 – Exposure Controls/Personal Protection****RESPIRATORY PROTECTION:** If workplace exposure limits are exceeded (see Section 2), use a NIOSH approved air purifying respirator for single short-term exposure. Use a positive-pressure, air-supplied respirator for multiple or long-term exposures.**VENTILATION:** Provide local exhaust to keep air concentrations of ingredients listed in Section 2 below established exposure limits.**PROTECTIVE GLOVES:** Use chemical resistant gloves to help prevent skin contact.**EYE PROTECTION:** Always wear safety glasses or chemical proof goggles when working with chemicals.**SECTION 9 – Physical and Chemical Properties****DATA BELOW BASED ON AEROSOL CONCENTRATE ONLY:**

**BOILING POINT:** ~186°F      **VAPOR DENSITY (AIR=1):** 4.5  
**pH:** N/A      **SPECIFIC GRAVITY (H<sub>2</sub>O=1) @ 75°F:** 1.419  
**SOLUBILITY IN WATER:** Negligible  
**APPEARANCE/ODOR:** Clear, colorless liquid / Ether-like odor

**DATA BELOW BASED ON TOTAL CONTENTS:****VAPOR PRESSURE OF CAN (psig @ 70°F):** 90      **TOTAL VOC %:** 97%**SECTION 10 – Stability and Reactivity****STABILITY:** Material Stable**HAZARDOUS POLYMERIZATION:** Will not occur**INCOMPATIBILITY:** Avoid contact with strong oxidizing agents.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride, Small amounts of Phosgene.**SECTION 11 – Toxicological Information**

No data available.

**SECTION 12 – Ecological Information**

No data available.

**SECTION 13 – Disposal Consideration****WASTE DISPOSAL METHOD:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.**SECTION 14 – Transport Information****D.O.T. HAZARD CLASS:** Consumer Commodity: ORM-D

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**SECTION 15 – Regulatory Information****HMIS RATING** (Based on Aerosol Concentration):

0 – Minimal    1 – Slight    2 – Moderate    3 – Serious    4 – Extreme

N/A = Not Applicable    N/E = Not Established    N/D = Not Determined    <=Less than    >=More Than

**SECTION 16 – Other Information**

**NOTICE:** The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.

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