

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
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ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**ELECTRO SOLV BULK / 2616**

JUNE 2010

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FIRE	0
REACTIVITY	0
P.P.E.	G

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

SECTION 1 – Chemical and Company Identification**PRODUCT TYPE:** Bulk Liquid **FORMULA:** Proprietary**SECTION 2 – Composition on Ingredients**

CHEMICAL NAME	CAS #	% WT	313/ CHEM	SKIN	CARCINOGEN	PEL	TWA/ TLV
Trichloroethylene	79-01-6	80-100	YES	NO	YES	50 ppm	50 ppm

SECTION 3 – Hazards Information**PRIMARY ROUTES OF ENTRY & EFFECTS OF OVEREXPOSURE:****EYES:** Causes pain, redness and irritation.**SKIN:** Frequent or prolonged contact may cause irritation.**INHALATION:** Inhalation may result in nervous system depression. Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects including, but not limited to, ventricular fibrillation, cardiac failure or death.**INGESTION:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.**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. Get medical attention immediately.**SKIN:** Wash with plenty of soap and water. If irritation persists, seek medical attention.**INHALATION:** Remove to fresh air. If continued difficulty is experienced, seek medical attention immediately. If breathing stops, give artificial respiration.**INGESTION:** If conscious: drink large amounts of water. Do not induce vomiting. Seek medical attention immediately. If unconscious: do not attempt to give anything by mouth to an unconscious person. Seek medical attention immediately.**NOTES TO PHYSICIAN:** Only administer Adrenaline after careful consideration following Trichloroethylene overexposure. Increased sensitivity of the heart to Adrenaline may be caused by overexposure to Trichloroethylene.**SECTION 5 – Fire Fighting Measures****FLASH POINT:** None to Boil (158°F)**EXTINGUISHING MEDIA:** Water fog, foam, CO₂, 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:** Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with suitable 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.

SECTION 8 – Exposure Controls/Personal Protection**RESPIRATORY PROTECTION:** None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below Threshold Limit Value (TLV) level, use a NIOSH/MSHA approved air-purifying respirator equipped with an organic vapor cartridge.**VENTILATION:** Provide local exhaust to keep air concentrations of ingredients listed in Section 2 below acceptable limits.**PROTECTIVE GLOVES:** Use chemical resistant gloves if hand contact will be made.**EYE PROTECTION:** Wear chemical proof splash goggles or face shield with safety glasses for splash protection.**SECTION 9 – Physical and Chemical Properties****BOILING POINT:** ~154.4°F **VAPOR DENSITY (AIR=1):** >1**TOTAL VOC %:** 100% **SPECIFIC GRAVITY (H₂O=1) @ 75°F:** 1.419**SOLUBILITY IN WATER:** Insoluble**APPEARANCE/ODOR:** Clear liquid, solvent odor**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:** Consult Federal, State and local authorities for approved procedures.**SECTION 14 – Transport Information****D.O.T. SHIP DESCRIPTION:** Toxic, Liquids, Organic, N.O.S. (trichloroethylene), 6.1, UN1710, PGIII**SECTION 15 – Regulatory Information****HMIS RATING** 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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