MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION

Product Name: BREAK-IT - Lubricant, Penetrant, Demoisturant
Product Number: 220
Product Type: AEROSOL
Supplier's Name: Ultra-Chem, Inc.
Supplier's Address: 8043 Flint · Lenexa, KS 66214
D.O.T. Hazard Class: CONSUMER COMMODITY · ORM-D

Formula: Proprietary
Date Prepared: 07/17/97
Emergency Phone: (800) 255-3924
Information Phone: (913) 492-2929
Date Printed: 03/14/01

HMIS Rating (Based on Aerosol Conc.):
0-Minimal 1- Slight 2- Moderate
3- Serious 4- Extreme
HEALTH: 2 FIRE: 2 REACTIVITY: 0
Personal Protection: G

SECTION II · INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TWA/TLV
Trichloroethylene	79-01-6	60-80	YES	NO	YES	50 ppm	50 ppm
Mineral Oil	8042-47-5	10-20	NO	NO	NO	5mg/M^3	5mg/M^3
Ethylene Glycol Monobutyl Ether	111-76-2	01-05	YES	NO	NO	25 ppm	25 ppm
Carbon Dioxide	124-38-9	01-05	NO	NO	NO	10000 ppm	10000 ppm

SECTION III · PHYSICAL DATA

Data Below Based On Aerosol Concentrate Only:
Boiling Point: 158°F
pH: N/A
Solubility In Water: Insoluble
Appearance/Odor: Transparent Liquid, Solvent Odor
Data Below Based On Total Contents:
Vapor Pressure of can (psig @70°F): 90
Total VOC (Volatile Organic Compound) %: ~87%

Vapor Density(Air=1): >1
Specific Gravity (H_2O=1)@75°F: 1.25

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): None to boil 158°F
Flammability (as per USA Flame Projection Test): Non-Flammable Spray
Extinguishing Media: Foam, CO_2, Dry Media
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting. Vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a high-energy spark, flame, or high intensity source of heat. This can occur at concentrations ranging from 7.8-52%.

SECTION V · REACTIVITY DATA

Stability: Material Stable.
Hazardous Polymerization: Will not Occur.
Incompatibility: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride and possible trace amounts of Phosgene.

SECTION VI · STORAGE AND HANDLING

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 VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:
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.

FIRST AID PROCEDURES:
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 VIII · SPECIAL PROTECTION DATA

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) levels, use a NIOSH/MSHA approved air-purifying respirator equipped with an organic vapor cartridge.
Ventilation: Provide local exhaust to keep TLV of Section II ingredients 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 IX · SPILL OR LEAK PROTECTION

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.
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.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN