

**UTILITY ENTERPRISES, INC.**

700 MAIN STREET, WESTBURY, NY 11590

(516) 997-6300 - FAX # (516) 997-6345

MATERIAL SAFETY DATA SHEET**SOLVIT FAST DRYING AEROSOL DEGREASER****FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure, or Accident - Call **INFOTRAC** Day or Night: **1-800-535-5053****THIS MSDS COMPLIES WITH 29 CFR 1910.1200** (HAZARD COMMUNICATION STANDARD) **IMPORTANT:** Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this product.**PRODUCT IDENTIFICATION**

DOT Shipping name: CONSUMER COMMODITY, ORM-D **CAS NO.:** MIXTURE
Chemical Family: CHLORINATED SOLVENTS **UN/NA #:** N/A
DOT Hazard Class: PRESSURIZED CONTAINER, ORM-D **DATE OF ISSUE:** 02/12

SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Hazardous Ingredients:	CAS #	TLV/PE L	AGENCY	TYPE	SARA-313 (% Range)
TRICHLOROETHYLENE *	79-01-6	50 PPM	OSHA/ACGIH	TWA	90-100
CARBON DIOXIDE	124-38-9	5000 PPM	OSHA	TWA	1-5

* This chemical is subject to the reporting requirements to Section 313 of SARA Title III. **WARNING:** This product contains Trichloroethylene, which is known to the State of California to cause cancer, birth defects or reproductive harm.

SECTION II - EMERGENCY AND FIRST AID PROCEDURES**WARNING: CONTENTS UNDER PRESSURE**

INHALATION: Remove to fresh air. If not breathing, give mouth-to-mouth. If breathing is difficult, give oxygen. Do not give epinephrine or similar drugs. Call a physician

EYES: Flush with water for at least 15 minutes. Get medical assistance if irritation persists.

SKIN: Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse.

INGESTION: Do not induce vomiting. Call a physician immediately. Do not administer sympathomimetic drugs unless absolutely necessary. No specific antidote.

NOTE TO PHYSICIANS: BECAUSE OF POSSIBLE DISTURBANCES OF CARDIAC RHYTHM, CATECHOLAMINE DRUGS, SUCH AS EPINEPHRINE, SHOULD ONLY BE USED WITH SPECIAL CAUTION IN SITUATIONS OF EMERGENCY LIFE SUPPORT.

NOTE TO PHYSICIAN: BECAUSE RAPID ABSORPTION MAY OCCUR THROUGH LUNGS IF ASPIRATED AND CAUSE SYSTEMIC EFFECTS, THE DECISION OF WHETHER TO INDUCE VOMITING OR NOT SHOULD BE MADE BY AN ATTENDING PHYSICIAN. IF LAVAGE IS PERFORMED, SUGGEST ENDOTRACHEAL AND/OR ESOPHAGEAL CONTROL. DANGER FROM LUNG ASPIRATION MUST BE WEIGHED AGAINST TOXICITY WHEN CONSIDERING EMPTYING THE STOMACH. EXPOSURE MAY INCREASE "MYOCARDIAL IRRITABILITY". DO NOT ADMINISTER SYMPATHOMIMETIC DRUGS UNLESS ABSOLUTELY NECESSARY. NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT.

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: Contact with liquid or mist may cause irritation. Vapors may irritate eyes.

SKIN CONTACT: Prolonged contact may cause irritation, defatting of skin.

INHALATION: Overexposure to vapor may cause dizziness, loss of concentration and irritation. With high exposure levels, effects can include central nervous system (CNS), depression (intoxication), cardiac arrhythmia, and death. Product vapors displace air and can cause suffocation especially in confined space. **INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THE CAN MAY BE HARMFUL OR FATAL;**

INGESTION: Aspiration may cause rapid absorption through the lungs, which may result in systemic effects.

IMPORTANT NOTICE: REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS MAY LEAD TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS AND LOSS OF COORDINATION ARE SIGNS THAT SOLVENT LEVELS ARE TOO HIGH. **INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.**

SECTION IV - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.

VENTILATION: LOCAL EXHAUST: To keep below TLV. MECHANICAL (General): To keep below TLV. **SPECIAL:** None
OTHER: None

PROTECTIVE GLOVES: Solvent resistant gloves - impervious gloves

EYE PROTECTION: Safety glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None reasonably foreseeable.

SECTION V - REACTIVITY DATA

STABILITY: Stable



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CONDITIONS TO AVOID: Avoid any excessive heat, ignition sources, open flames, or other high temperatures which induce thermal decomposition. Gross contamination with water may cause hydrolysis which will produce small amounts of hydrochloric acid.

INCOMPATIBILITY: (materials to avoid) Chemically Active Metals. Oxidizing agents. Sodium, Potassium, Calcium, etc. Alkali or alkaline earth metals. Powdered Aluminum, Zinc, Magnesium, Beryllium, etc.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride, small amounts of Phosgene and Chlorine.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Not applicable.

SECTION VI - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS: Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment.

LARGE SPILLS: Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies.

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State, and Local regulations. Do not incinerate closed or empty containers.

SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 110 Deg. F. Do not use or store near any open flames or ignition sources. Avoid repeated contact with skin.

OTHER PRECAUTIONS: Contents under pressure. Do not puncture or incinerate. Exposure to temperatures above 120 Deg. F may cause can to burst with violence and cause injury. Vapors are heavier than air and will collect in low areas.

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

FLAMMABLE LIMITS IN AIR - % BY VOLUME: Not applicable

EXTINGUISHER MEDIA: Water fog, dry chemical, carbon dioxide

AUTO-IGNITION TEMPERATURE: Unknown

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear self-contained, positive pressure, respiratory equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Self-pressurized aerosol containers. Keep temperature of containers below 120 deg. F. to prevent bursting. Hazardous decomposition products.

SECTION IX - PHYSICAL DATA

APPROXIMATE BOILING POINT (DEG F):	170 - 200	PER CENT VOLATILE:	100
SPECIFIC GRAVITY (68 F):	1.46	FLASH POINT (TCC, DEG F):	NONE
RELATIVE EVAPORATION RATE (ESTIMATED):	>1	APPEARANCE AND ODOR:	Clear liquid, irritating odor at high concentrations
VAPOR PRESSURE @20C mmHg (CALCULATED):	60	PER CENT SOLUBILITY IN WATER:	Negligible

SECTION X - OTHER REGULATORY DATA

SUBJECT TO SECTION 313 OF SARA TITLE III: Yes. Trichloroethylene = 95%

ALL CHEMICAL COMPONENTS ARE LISTED IN THE TSCA INVENTORY.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NATIONAL TOXICOLOGY PROGRAM: No.

I.A.R.C. MONOGRAPHS: Yes - Trichloroethylene

OSHA: No.

CANCER INFORMATION: A positive carcinogenic response has occurred only in mice given large doses of trichloroethylene. Data suggest a nonmutagenic mechanism for tumor formation implying that nontoxic doses of trichloroethylene should pose little or no carcinogenic hazard for man. Trichloroethylene is listed as a potential carcinogen by IARC.

OSHA PERMISSIBLE EXPOSURE LIMIT: See Section I

AGCIH THRESHOLD LIMIT VALUE: See Section I

OTHER EXPOSURE LIMITED USED: None

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformance to contracted specifications. All information appearing herein is based upon data obtained from manufactures and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.



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SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Hazardous Ingredients:	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313 (% Range)
METHYLENE CHLORIDE *	75-09-2	50 PPM	ACGIH	TWA	
TRICHLOROETHYLENE *	79-01-6	50 PPM	ACGIH	TWA	
CARBON DIOXIDE	124-38-9	5000 PPM	ACGIH	TWA	

* These chemicals are subject to the reporting requirements of SARA, Section 313

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

WARNING: CONTENTS UNDER PRESSURE

EYE CONTACT: Move person away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact hold eyelids apart for at least 15 minutes. **Seek medical attention.**

SKIN CONTACT: Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with mild soap and water. If irritation persists **seek medical attention.**

INHALATION: (breathing) Not expected to be a hazard under normal operating conditions.

INGESTION: (swallowing) If swallowed, seek emergency medical attention. Do **not** give anything by mouth. .

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: One or more components of this material may be an eye irritant.

SKIN CONTACT: Continuous contact with this material may cause drying of skin. Chemical itself is an irritant or sensitizer.

SKIN ABSORPTION: Symptoms of toxicity are anticipated by this route.

INHALATION: (breathing) Not expected to be a hazard under normal operating conditions, however Methylene Chloride is a substance which when inhaled in high concentrations over long periods of time, has caused cancer in laboratory animals.

INGESTION: (swallowing) Ingestion of large quantities may cause the following: Irritation of digestive tract, signs of nervous system depression, such as headache, drowsiness, dizziness, loss of coordination, fatigue, and nausea.

SECTION IV - SPECIAL PROTECTION INFORMATION

VENTILATION: If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see section I), additional ventilation or exhaust systems may be required.

RESPIRATORY PROTECTION: The use of respiratory protection is advised when concentrations exceed the established exposure limits (see Section I). Depending on the airborne concentration, you should use a respirator or gas mask with appropriate cartridges or canisters (NIOSH approved) or supplied air.

PROTECTIVE GLOVES: The use of gloves impermeable to the specific material handled is advised to prevent possible irritation.

EYE PROTECTION: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

SECTION V - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: (materials to avoid) This product is incompatible with: *Oxidizing agents, strong acids and bases*

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF LEAK OR SPILL: Keep all sources of ignition and hot metal surfaces away from spill/release. Stay upwind and away from a spill or release. Isolate hazard area and limit entry to emergency crew only. Stop spill/release if it can be done without risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Prevent spilled material from entering sewers, storm drains, and natural waterways. Dike far ahead of spill for later recovery and disposal. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state, and local agencies. If spill/release is excess of EPA reportable quantity, immediately notify the **National Response Center**. Phone **800-424-8802**

WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations.



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SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Do not get in eyes, skin or clothing. Do not breathe vapor mist or gas. Keep containers tightly closed, cool, dry, and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practices. Bond and ground equipment when transferring to another container. "Empty" containers contain residue (liquid and/or vapor) and can be dangerous. Do not puncture, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and death. Contents under pressure. Do not puncture or incinerate container. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working in or on tanks, which contain or has contained this product, refer to OSHA or ANSI Z49.1 regulations and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Extinguish with dry chemical, CO₂, or a universal type foam.

FIRE AND EXPLOSION HAZARD: May decompose during contact with flames, heating elements, or in combustion engines releasing irritating gases. Container may explode if heated due to resulting pressure rise.

FIRE FIGHTING PROCEDURES: Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION IX - PHYSICAL DATA

APPROXIMATE BOILING POINT (DEG F):	165	PER CENT VOLATILE:	100
SPECIFIC GRAVITY (68 F):	1.32	FLASH POINT (TCC, DEG F):	NONE
RELATIVE EVAPORATION RATE (ESTIMATED):	>1	PER CENT SOLUBILITY IN WATER:	SLIGHT
VAPOR PRESSURE @20C mmHg (CALCULATED):	100 PSI		

SECTION X - OTHER REGULATORY DATA

SARA

SECTION 302: LISTED
SECTION 311 & 312: LISTED
SECTION 313: See Section II

HMIS

Health: 2
Flammability: 1
Reactivity: 0

TSCA

All components are in full compliance with the TSCA inventory.

CALIFORNIA PROPOSITION 65

LISTED

RCRA

Waste material would be a D008

CERCLA

CHLORINATED SOLVENT RQ: 1000 LBS.

CARCINOGENICITY:

NOT LISTED with NTP or IARC.

NOTICE

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