



UTILITY ENTERPRISES, INC.
700 MAIN STREET, WESTBURY, NY 11590
(516) 997-6300 - FAX # (516) 997-6345

MATERIAL SAFETY DATA SHEET

WONDER GUARD FC PROTECT

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: COMPOUND **UN/NA #:** N/A
DOT Hazard Class: ORM-D **DATE OF ISSUE:** 4/11

SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Hazardous Ingredients:	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313 (% RANGE)
TRICHLOROETHYLENE	79-01-6	100 PPM	ACGIH	TWA	YES (55-75%)
ISOBUTANE	75-28-5	800 PPM	ACGIH	TWA	
PROPANE	74-98-6	1000 PPM	ACGIH	TWA	

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

WARNING: CONTENTS UNDER PRESSURE

EYE CONTACT: Move person away from exposure. Flush eyes with clean water 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) Move person away from exposure to fresh air. Give artificial respiration if not breathing. Give oxygen if breathing is difficult. **Seek medical attention.**

INGESTION: (swallowing) If swallowed, induce vomiting immediately. Do **not** give anything by mouth to an unconscious person. **Seek emergency medical attention.**

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: Vapors may cause irritation with redness and pain. May cause eye damage.

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

SKIN ABSORPTION: Prolonged or repeated exposure will cause symptoms of toxicity.

INHALATION: (breathing) Vapors can cause irritation to the respiratory tract. Inhalation of high concentrations may cause unconsciousness and heart, liver or kidney damage.

INGESTION: (swallowing) Ingestion 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 are required.

RESPIRATORY PROTECTION: The use of respiratory protection is advised when concentrations exceed the established exposure limits (see Section I).

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, hydrogen chloride, and phosgene.

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 spill/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. An appropriate absorbent may absorb spilled material.



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WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations. Do not flush to sewer

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.

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 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):	188	PER CENT VOLATILE:	N/A
SPECIFIC GRAVITY (68 F):	.96	FLASH POINT (TCC, DEG F):	140
RELATIVE EVAPORATION RATE (ESTIMATED):	<1	PER CENT SOLUBILITY IN WATER:	Insoluble
VAPOR PRESSURE @70 F mmHg (CALCULATED):	56 PSI		

SECTION X - OTHER REGULATORY DATA

SARA	SECTION 302: NOT LISTED	HMIS	Health: 2
	SECTION 311 & 312: NOT LISTED		Flammability: 2
	SECTION 313: See Section I.I		Reactivity: 0
TSCA	All components are in full compliance with the TSCA inventory.	CALIFORNIA PROPOSITION 65	TRICHLOROETHYLENE
RCRA	Waste material would be a U070	CERCLA	NOT LISTED

CARCINOGENICITY:
 TRICHLOROETHYLENE IS LISTED AS A SUSPECTED CARCINOGEN. RISK IS DEPENDENT ON LEVEL AND DURATION OF EXPOSURE.

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 conformation 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.