



## MATERIAL SAFETY DATA SHEET

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To Reorder Call:  
800-323-2594

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME**  
UNITED 107 AEROSOL SAFETY SOLVENT

**USE/DESCRIPTION**  
Multi Purpose Cleaner

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**REVISION DATE**  
February 21, 2012

#### HMIS III HEALTH (0 = Maximum Safety) \*2

Always follow Label Directions and Cautions.

\* Chronic                                      2 Moderate  
4 Severe                                         1 Slight  
3 Serious                                        0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

#### PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.                      2 Violent chemical change possible-use hose stream from distance  
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.                      1 Unstable if heated-use precaution.  
0 Normally stable.

#### FLAMMABILITY (0 = Maximum Safety) 2

Susceptibility of Material to Burning.

4 Extremely flammable.                                      1 Must be preheated to burn.  
3 Ignites at normal temperature.                                      0 Will not burn.  
2 Ignites when moderately heated.

**PERSONAL PROTECTION: X**

Consult Supervisor

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Trichloroethylene	79-01-6	> 90	10 ppm	100 ppm	NE	NE
Carbon Dioxide	124-38-9	3 - 5	5,000 ppm	5,000 ppm	NE	NE

ACGIH (STEL) Trichloroethylene CAS#79-01-6 25 ppm, Carbon Dioxide CAS #124-38-9 30,000 ppm

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause slight irritation.

**Skin:** May cause irritation. Prolonged or repeated contact can result in defatting and drying of the skin, irritation and dermatitis.

**Inhalation:** Intentional misuse by inhaling the product can be harmful or fatal. High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes.

**Ingestion:** Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.

**Chronic Effects:** May cause central nervous system disorder and/or damage. May cause delayed lung damage. Prolonged skin contact may defat the skin and produce dermatitis.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

**Skin:** Wash off with warm water and soap. Get medical attention if irritation develops or persists.

**Inhalation:** Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled to substance. Call a physician if symptoms develop or persist.

**Ingestion:** If material is ingested, immediately contact a poison control center. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** Not flammable & not combustible by OSHA    **Explosive Limits:** Lower (LEL): 7.3                      Upper (UEL): 36.0

**Flame Projection (Aerosol):** Non-flammable per 16 CFR 1500.3 and 1500.45.

**Hazardous Products of Combustion:** Material decomposed by fire may produce irritating, corrosive and/or toxic gases.

**Fire and Explosion Hazards:** Exposure to temperature above 130°F/ 54.4°C may cause container to burst, rupture, or vent. Containers should be cooled with water to prevent vapor pressure build up. Runoff to sewer may cause fire or explosion hazard.

**Extinguishing Media:** Water, Water fog, Foam, Dry chemical, Carbon dioxide.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water.

**Large Spills:** Ventilate area and remove all sources of ignition. Cover with absorbent material like vermiculite, sand or earth to soak up product and place in a disposal container. Clean contaminated surface thoroughly. Prevent entry into waterways, sewers or confined spaces.

## 7. HANDLING AND STORAGE

Store in a cool, dry place away from heat, sparks or open flame. Do not store at temperatures above 49°C/ 120°F. Keep out of sunlight. Contents under pressure. Do not puncture, incinerate or crush. For Industrial and Institutional use only. NFPA Code 30B Rating: Level 1 Aerosol.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Chemical safety goggles are recommended.

**Skin:** Chemical resistant gloves are recommended. Wear appropriate chemical resistant clothing.

**Respiratory:** None needed for proper use in accordance with label directions. If recommended exposure limits are exceeded wear a NIOSH approved respirator with mechanical filter/organic vapor cartridge.

**Engineering Controls:** Insure adequate ventilation, especially in confined areas.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 186.8°F/ 86.1°C **Specific Gravity:** 1.47 (H<sub>2</sub>O=1) **Vapor Pressure:** 72-91 psig@70°F **Melting Point:** Concentrate  
-86°C **Vapor Density:** > 1 **Evaporation Rate:** ND **Solubility in Water:** Negligible **pH:** NA  
**Appearance and Odor:** Aerosol, clear, colorless, liquid with ether-like odor.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** Material decomposed by fire may produce irritating and/or toxic gases.

**Chemical Stability:** Stable

**Incompatibility:** Oxidizing agents, heat, flames and sparks.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** Trichloroethylene CAS# 79-01-6

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? Yes – Trichloroethylene CAS# 79-01--6

## 12. ECOLOGICAL INFORMATION

Components of this product are hazardous to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality.

**Waste codes:** D040: Waste Trichloroethylene

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request

**TDG:** Available upon request

**UN:** Availabale upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** 96.60 %

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** No

**SARA Title III Section 311/312:** Yes

**SARA Title III Section 313 Toxic Chemicals:** Trichloroethylene CAS# 79-01-6 (0.97 lb.)\*

\* Pounds of reportable material per can of UNITED product.

**WHMIS Classification:**

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.