



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME  
UNITED 180 SOLV-ALL

USE/DESCRIPTION  
Universal Solvent

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

REVISION DATE  
September 6, 2014

#### HMIS III HEALTH (0 = Maximum Safety) 1

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
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

PERSONAL PROTECTION: B



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Citrus terpene	5989-27-5	80-90	NE	NE	NE	NE
Poly-(oxy-1,2-ethanedyl)-alpha-undecyl-omega	34398-01-11	~10	NE	NE	NE	NE
Alcohols, c12-13, ethoxylated	55455-14-91	~10	NE	NE	NE	NE
Carbon Dioxide Propellant	124-38-9	1-10	5,000 ppm	5,000 ppm	NE	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause moderate to severe irritation.

**Skin:** Frequent or prolonged contact may cause irritation, drying and defatting of skin, and dermatitis. May aggravate existing skin conditions.

**Inhalation:** 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.

**Ingestion:** Harmful if swallowed. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

### 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. If irritation persists get medical attention immediately.

**Skin:** Wash with soap and water. If irritation persists seek medical attention.

**Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

**Ingestion:** DO NOT induce vomiting. Seek medical attention immediately.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** 125°F/52°C (T.O.C)

**Explosive Limits:** Lower (LEL): ND Upper (UEL): ND

**Flame Projection (Aerosol):** Flammable spray per 16 CFR 1500.3 and 1500.45.

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce carbon monoxide and/or carbon dioxide.

**Fire and Explosion Hazards:** Aerosol container (pressurized) may burst if heated over 120°F/48°C.

**Extinguishing Media:** Foam, Carbon dioxide, Dry media.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing in chemical fires. Cool fire exposed containers to prevent rupturing.



## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. 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.

**Large Spills:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. 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.

## 7. HANDLING AND STORAGE

Avoid contact with eyes, skin, and clothing. Wear safety glasses and gloves when handling or using this product. Wash thoroughly after handling. Do not ingest. Provide adequate ventilation. Do not puncture or incinerate this container, even when empty. Do not store at temperatures over 48°C (120°F). Store in a cool, dry area away from heat or open flame. NFPA Code 30B Rating: Level 3 Aerosol.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses are recommended.

**Skin:** Chemical resistant gloves are recommended if hand contact will be made.

**Respiratory:** None needed for proper use in accordance with label directions. If vapor concentration exceeds TLV, use a NIOSH or MSHA approved respirator.

**Engineering Controls:** Provide adequate ventilation to keep vapor concentration below TLV and prevent accumulation of excessive vapors.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** >300°F/149°C **Specific Gravity:** 0.885@70°F (H<sub>2</sub>O=1) **Vapor Pressure:** 90 psig **Melting Point:** ND

**Vapor Density:** >1 (air=1) **Evaporation Rate:** ND **Solubility in Water:** Emulsifies pH: N/A

**Appearance and Odor:** Aerosol: Fine spray of pale amber liquid with citrus scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** NA

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce carbon monoxide and/or carbon dioxide.

**Chemical Stability:** Stable

**Incompatibility:** Avoid contact with strong acids and oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**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? No

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality. Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard.

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request

**TDG:** Available upon request

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** 74.17%

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

**SARA Title III Section 302 EHS:** ND

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

**SARA Title III Section 313 Toxic Chemicals:** None

**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.