



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

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

**PRODUCT NAME**  
 UNITED 180 SOLV-ALL

**USE/DESCRIPTION**  
 Universal Solvent

**REVISION DATE**  
 April 10, 2006

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

Always follow Label Directions and Cautions.

4 Extreme 3 High 2 Moderate 1 Slight 0 Minimal

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

#### REACTIVITY (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.  
 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.

2 Violent chemical change possible-use hose stream from distance  
 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



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV)	OSHA (PEL)	LD50 (Species/Route)	LC50 (Species)
d-1,8(9)-p-menthadiene	5989-27-5	80-90	400 ppm	NE	4400 mg/kg (Rat/oral)	NE
Nonylphenol ethoxylate	127087-87-0	10-20	NE	NE	NE	NE
Carbon dioxide propellant	124-38-9	1-5	10,000 ppm	10,000 ppm	NE	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause slight irritation but does not injure eye tissue.

**Skin:** Frequent or prolonged contact may cause irritation and will defat skin. Some people may be sensitized.

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

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of water for at least 15 minutes. Seek medical attention.

**Skin:** Wash with soap and plenty of water. If symptoms develop, seek medical attention.

**Inhalation:** Remove to fresh air. If symptoms develop, seek medical attention. If not breathing, give artificial respiration.

**Ingestion:** DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, have victim lean forward to reduce risk of aspiration.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** NA

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

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

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Fire and Explosion Hazards:** Exposure to temperature above 120 F/48 C may cause bursting.

**Extinguishing Media:** Foam; Carbon dioxide; Dry media

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up.

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Remove sources of ignition and ventilate area. Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

**Large Spills:** Remove sources of ignition and ventilate area. Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

## 7. HANDLING AND STORAGE

Keep away from heat, sparks, and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Store as NFPA 30B Level 3 Aerosol.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses

**Skin:** Chemical resistant gloves

**Respiratory:** Normally not required if adequate ventilation is provided.

**Engineering Controls:** Mechanical ventilation recommended when handling in enclosed/tight spaces.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 323F/161C    **Specific Gravity:** 0.874 (H<sub>2</sub>O=1)    **Vapor Pressure:** 78 psig    **Melting Point:** ND

**Vapor Density:** >1 (Air=1)    **Evaporation Rate:** <1 (BA=1)    **Solubility in Water:** Emulsifies    **pH:** NA

**Appearance and Odor:** Aerosol; pale amber liquid spray with citrus scent

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** NA

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Chemical Stability:** Stable

**Incompatibility:** Oxidizing agents such as bleach.

## 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? None

## 12. ECOLOGICAL INFORMATION

ND

## 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.

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request

**TDG:** Available upon request

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC(Volatile Organic Compounds):** ~78% by weight

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

**SARA Title III Section 302 EHS:** None

**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.