



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT NAME
UNITED 179 SAMSON

USE/DESCRIPTION
Industrial Strength Build-Up Remover

REVISION DATE
June 3, 2011

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) 1

Susceptible to Release of Energy.

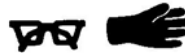
4 May detonate-vacate area if materials are exposed to fire. 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	2 Violent chemical change possible-use hose stream from distance 1 Unstable if heated-use precaution. 0 Normally stable.
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FLAMMABILITY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

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)
2-Butoxy ethanol	111-76-2	10-30	20 ppm 97 mg/m3	50 ppm 240 mg/m3	1480 mg/kg (Rat/oral)	700 ppm/7 hr (Mouse)
Propane/n-Butane	68476-86-8	5-10	1000 ppm	NE	NE	NE

3. HAZARDS IDENTIFICATION

Eyes: May cause severe irritation, burns, redness and watering.

Skin: Will cause irritation, burning.

Inhalation: Overexposure may cause dizziness.

Ingestion: May cause nausea, sickness.

4. FIRST AID MEASURES

Eyes: Flush with plenty of water for at least 15 minutes. Call a physician immediately.

Skin: Wash with soap and water. If irritation persists, call a physician.

Inhalation: Remove to fresh air. If irritation persists, call a physician.

Ingestion: DO NOT induce vomiting. Give 1-2 glasses of water. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): None

Explosive Limits: Lower (LEL): NA Upper (UEL): NA

Flame Projection (Aerosol): Product is not required to be labeled as Flammable per 16 CFR 1500.3 and 1500.45.

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

Fire and Explosion Hazards: Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 49°C/120°F may cause cans to burst.

Extinguishing Media: Standard chemical fire extinguisher, Foam, Dry chemical, carbon dioxide.

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

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Ventilate area. Remove all sources of ignition. Wipe up with rag or use some absorbent clay material and place into a designated disposal container.

Large Spills: Ventilate area. Wear appropriate protective clothing. Remove all sources of ignition. Soak up spill with an inert absorbent and place into a designated disposal container.

7. HANDLING AND STORAGE

Store in a cool, dry area away from heat or open flame. Do not puncture or incinerate containers. Do not store at temperatures above 120°F/ 49°C. Wash thoroughly with soap and water after handling. **KEEP OUT OF REACH OF CHILDREN.**

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses are recommended.

Skin: Chemical resistant gloves are recommended.

Respiratory: None required if good ventilation is maintained. If exposure exceeds TLV levels, use a NIOSH/MSHA approved respirator to prevent overexposure.

Engineering Controls: General ventilation is adequate under normal conditions; mechanical ventilation may be required for use in poorly ventilated areas or when large amounts are used.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212°F/100°C **Specific Gravity:** 0.99 (H₂O=1) **Vapor Pressure:** 17.5 mmHg **Melting Point:** NA
Vapor Density: >1 **Evaporation Rate:** < 1 **Solubility in Water:** Complete **pH:** 9.5 (concentrate)
Appearance and Odor: Aerosol; white foam with soapy odor.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: None known.

Chemical Stability: Stable

Incompatibility: Avoid contact with strong oxidizing agents, acids and some painted surfaces.

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, 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.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 25%

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: 2-Butoxy ethanol CAS# 111-76-2

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.