



MATERIAL SAFETY DATA SHEET

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 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 183 TPS Total Pressure Spray

USE/DESCRIPTION
 Foaming Long Distance High Pressure Spray with Citrus

REVISION DATE
 August 9, 2013

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) 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#		ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Diethylene glycol n-butyl ether	112-34-5	5 - 10	25 ppm	NE	3950-9740 mg/kg(Oral, Rat)	NE
1,8-p-Menthadiene	5989-27-5	1 - 5	NE	NE	4400 mg/kg (Oral, Rat)	NE
Distillates, petroleum, hydrotreated, light	64742-47-8	1 - 5	5 mg/m3	5 mg/m3	>15000 mg/kg (Oral, Rat)	NE
Propane/n-Butane	68476-86-8	3 - 7	1000 ppm	1000 ppm	NE	NE
Non-ionic surfactant	127087-87-0	1 - 5	NE	NE	1.77-4.53 ml/kg (Oral, Rat)	NE

3. HAZARDS IDENTIFICATION

Emergency Overview: Irritant to skin, eyes, respiratory tract.

Routs of Entry: Eyes, Ingestion, Inhalation, Skin

Eyes: May cause irritation, redness.

Skin: May cause irritation, localized defatting.

Inhalation: Causes mild irritation to the respiratory tract.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Medical Condition Aggravated: None known

Chronic Health Hazards: May be toxic to kidneys and liver.

4. FIRST AID MEASURES

Eyes: Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation develops.

Skin: Wash thoroughly with soap and water. If irritation persists, get medical attention immediately

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: Not Tested

Flammable Limits in Air, (% by Volume) **Upper:** Not Tested **Lower:** Not Tested

Hazardous Combustion Products: Oxides of carton.

Unusual fire and Explosion Hazards: Contents under pressure. Exposure to temperatures above 120°F/49°C may cause bursting.

Extinguishing Media: Dry chemical, foam, or Carbon Dioxide.

Special Fire Fighting Procedures: Wear SCBA in fire situations. Use water spray to cool containers exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Small Spill: Absorb spill with non-combustible material such as vermiculite, sand or earth.

Large Spill: Absorb spill with non-combustible material such as vermiculite, sand or earth.

Waste Disposal: Dispose of in accordance with local, state and federal regulations. Do not puncture container, wrap container and place in trash collection.

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:** 0.992 (H₂O=1) **Vapor Pressure:** ND **Melting Point:** NA

Vapor Density: >1@77°F/25°C **Evaporation Rate:** < 1 **Solubility in Water:** 92% **pH:** 10.5 – 11.0

Appearance and Odor: Aerosol; milky white foam with citrus scent.

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 strong reducing 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? 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.

RCRA Status: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. TRANSPORT INFORMATION

DOT-Land: Consumer commodity ORM-D (Aerosol Product)

TDG: Available upon request

UN-IMDG: Aerosols, Ltd. Qty, Class 2, UN 1950 Hazard class/division: 2.1 Packaging Group: None

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 9.9%

TSCA (Toxic Substances Control Act): all chemicals are listed or exempt.

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: None

SARA Title III Section 313 Toxic Chemicals: Diethylene glycol n-butyl ether CAS 112-34-5

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.**

UNITED F183 TPS Total Pressure Spray

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