



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 113 GLACIER BREAK

USE/DESCRIPTION
Quick Release Lubricant

REVISION DATE
March 11, 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) **1**

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) **4**

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: A



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	Other Limit
1,1 Difluoroethane	75-37-6	70-80	NE	NE	NE	1000 ppm
Methyl isobutyl ketone	108-10-1	4-10	20 ppm	100 ppm	NE	NE

3. HAZARDS IDENTIFICATION

Routes of Entry: Inhalation: Yes Skin: YES Ingestion: YES

Eyes: Irritant. May cause reddening.

Skin: May cause mild irritation. Avoid frequent or prolonged contact with skin may cause frostbite. Prolonged or repeated contact may dry or defat the skin.

Inhalation: May cause dizziness. Intentional overexposure is harmful.

Ingestion: May cause nausea.

4. FIRST AID MEASURES

Eyes: Flush immediately with large amounts of water for at least 15 minutes. Contact physician immediately.

Skin: Wash with soap and water. If skin blisters, contact physician immediately.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention immediately.

Ingestion: DO NOT INDUCE VOMITING. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): <20°F/<-7°C

Explosive Limits: Lower (LEL): 1.2 Upper (UEL): 7.5

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: Do not expose aerosols to temperatures above 120F/48.8C or the container may rupture.

Extinguishing Media: Standard dry chemical fire extinguisher

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 all sources of ignition and ventilate area. Soak up with an inert absorbent like clay material and place in designated disposal container. Wash area thoroughly.

Large Spills: Remove sources of ignition and ventilate area. Soak up with an inert absorbent like clay material 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. Do not store at temperatures above 120F/48.8C, may cause bursting. Wash hands after use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses are recommended.

Skin: None required.

Respiratory: Use only in well ventilated areas. If vapor concentration exceeds TLV, use respirator approved by NIOSH for organic vapors to be used in a positive pressure mode.

Engineering Controls: Local exhaust normally sufficient.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 156°F/69°C **Specific Gravity:** 0.72 (H₂O=1) **Vapor Pressure:** 124 psig **Melting Point:** NA
Vapor Density: <1 (air=1) **Evaporation Rate:** >2 (Butyl Acetate=1) **Solubility in Water:** Negligible **pH:** NA
Appearance and Odor: Aerosol; Clear, water white spray with faint solvent 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: None known.

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 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): 7% 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: Methyl isobutyl ketone C#108-10-1

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.

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