



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
UNITED 947 GREEN SHIELD II High Temperature

USE/DESCRIPTION	High Temperature High Pressure Grease
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FOR MEDICAL AND TRANSPORTATION EMERGENCIES
24 Hour INFOTRAC (US and CANADA): **800-535-5053**

REVISION DATE
September 09, 2013

HMIS III HEALTH (0 = Maximum Safety)

Always follow Label Directions and Cautions.

* Chronic
4 Severe
3 Serious
2 Moderate
1 Slight
0 Minimal

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

PHYSICAL HAZARD (0 = Maximum Safety)

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)

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

Component	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	ACGIH (STEL)	LD50 (Species Route)
Lubricating oils, petroleum, base oils, highly refined **	NE	60 - 100	5 mg/m3 (oil mist)	5 mg/m3 (oil mist)	10 mg/m3 (oil mist)	NE

****The petroleum base oils contained in this product have been highly refined by a variety of processes including solvent extraction, solvent dewaxing and hydrotreating to remove aromatics and improve performance characteristics.**

3. HAZARDS IDENTIFICATION

Emergency Overview: Not regarded as a health hazard under current legislation.

Eyes: May be slightly irritating.

Skin: Prolonged or repeated contact may dry skin.

Inhalation: Not a likely route of exposure at room temperature. Heating can generate vapors that may cause headaches, nausea, and respiratory irritation.

Ingestion: May cause stomach pain or vomiting.

4. FIRST AID MEASURES

Eyes: Flush with plenty of cool water for at least 15 minutes. If irritation occurs get medical attention.

Skin: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes before reuse. If irritation persists get medical attention.

INJECTION INJURY WARNING: If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the person should be evaluated immediately by a physician as a surgical emergency. High pressure injection initial symptoms may be minimal or absent but early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

Inhalation: Remove to fresh air immediately. For breathing difficulties oxygen may be necessary. Get medical attention if any discomfort continues.

Ingestion: DO NOT induce vomiting. If conscious, give several glasses of water to drink. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point (Cd OC) : >450°F/>230°C (Cleveland Open Cup) **Explosive Limits:** Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce oxides of carbon, phosphorus, sulfur and acid smoke/fumes.

Fire and Explosion Hazards: None known.

Extinguishing Media: Carbon dioxide, Dry chemical.

Fire Fighting Instructions: Wear self-contained positive breathing apparatus (SCBA) w/full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Soak up with an inert absorbent, such as clay or vermiculite and place in designated disposal container. Wash area thoroughly.

Large Spills: Minimize skin contact. Remove sources of ignition and ventilate area. Carefully collect spilled material enclosed containers. Soak up remaining with an inert absorbent, such as clay or vermiculite and place in designated closed disposal container. Wash area thoroughly. Do not let washing down water contaminated ponds or waterways.

7. HANDLING AND STORAGE

Store in a cool, dry area away from heat, sparks, and open flame. Keep containers closed. Avoid prolonged exposure to vapors and mists. Store separated from: Acids, Oxidizing materials. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place. Wash face and hands with soap and water after using this product. Launder contaminated clothing before reusing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses are recommended.

Skin: Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC. .

Respiratory: None required if good ventilation is maintained. Respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

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

Other protective Clothing: Wear appropriate clothing to prevent repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: ND

Specific Gravity: 0.90 (H₂O=1)

Vapor Pressure: > 5

Melting Point: ND

Vapor Density: < 0.1 mm Hg (air=1)

Evaporation Rate: < 0.1

Solubility in Water: Insoluble

pH: NA

Appearance and Odor: Green grease with oil odor.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

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

Chemical Stability: Stable

Incompatibility: Avoid strong oxidizing agents and acids.

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. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT- Land: Not regulated.

TDG: Not regulated.

UN: Availabale upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): None

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: None

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.