UNITED 423



MATERIAL SAFETY DATA SHEET

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME USE/DESCRIPTION UNITED 423 WHITE GUARD White Food Grade Lube

FOR MEDICAL AND TRANSPORTATION EMERGENCIES 24 Hour INFOTRAC (US and CANADA): 800-535-5053 **REVISION DATE** February 08, 2013

HMIS III HEALTH (0 = Maximum Safety)

Always follow Label Directions and Cautions.

* Chronic 4 Severe 0 Minimal 3 Serious

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

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.

PHYSICAL HAZARD (0 = Maximum Safety)

Susceptible to Release of Energy.

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

possible-use hose stream . from distance 1 Unstable if heated-use

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precaution.

2 Violent chemical change

Normally stable.

PERSONAL PROTECTION: B



2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	%Optional	I (TLV-TWA)	(PEL-TWA)) (STEL)	(Species Rou	te)
White Oil	8042-47-5	60 - 90	5 mg/m3	5 mg/m3	10 mg/m3	NE	
Proprietary Additives	Mixture	10 - 20	10 mg/m3	10 mg/m3	NE	NE	

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The specific chemical names & composition of the components not disclosed is confidential business information & is withheld as permitted by 29CFR 1910.1200 and various Right-to-Know laws. This product is not a WHMIS Controlled Substance.

3. HAZARDS IDENTIFICATION

POTENTIAL Health Effects: Excessive exposure may result in eye, skin or respiratory irritation. Low order of toxicity.

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High-pressure injection under skin may cause serious damage.

Eyes: May be slightly irritating.

Not likely to cause any problems under normal conditions of use. Prolonged or repeated contact leads to drying of 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.

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. Get medical attention.

Notes to Physician: High pressure injection under the skin may have serious consequences and may require urgent treatment.

5. FIRE FIGHTING MEASURES

Flash Point (COC): 455°F/235°C (Cleveland Open Cup) Lower (LEL): NA **Explosive Limits:** Upper (UEL): NA

Flame Projection (Aerosol): NA

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

Fire and Explosion Hazards: None known.

Extinguishing Media: Water spray (fog), Carbon dioxide, Dry chemical, Foam, or Halon. Do not use water stream may splash burning

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

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Soak up with inert absorbent, such as clay or vermiculite placing in designated disposal container. Wash area thoroughly. Large Spills: Minimize skin contact. Remove sources of ignition and ventilate area. Carefully collect spilled material in 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 contaminate municipal sewers 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. Prevent spills and leaks to avoid slipping hazards. Wash face and hands with soap and water after using this product. Launder contaminated clothing before reusing. Avoid excessive long-term storage temperatures to prolong shelf life. Maximum storage temperature: 120F/48.9C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses with side shields or goggles 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: No skin protection is required under normal conditions of use. If contact with material is likely use chemical/oil resistant clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: ND Specific Gravity: 0.89 (H2O=1) Vapor Pressure: <0.1 mmHg Melting Point: ND

Vapor Density: >5 (Air=1) Evaporation Rate: <1 Solubility in Water: Insoluble pH: NA

Appearance and Odor: Pale white grease with mild petroleum 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 and sulfur.

Chemical Stability: Normally stable. Incompatibility: Strong oxidizers and acids.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data is specifically available for this product and therefore this toxicological information is based on data available for the ingredients.

Routes of Exposure: Will most likely occur through skin contact or form inhalation of mechanically or thermally generated oil mists. Skin and Eye: Is not a primary skin irritant after exposure of short duration, not a skin sensitizer and not irritating to the eyes. Chronic/Other Effects: Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis. Long term intensive exposure to oil mist may cause benign lung fibrosis.

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

There is no ecological data on the product itself.

Ecotoxicity: Not expected to be harmful to aquatic organisms. **Mobility**: base oil component – Low solubility and float – is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

Persistence and Degradability:

Biodegradation: N/E

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.

To the best of our knowledge, this product is not regulated by CERCLA/RCRA as a hazardous waste or material. However; this product has not been tested for the toxicity characteristic via the Toxicity Characteristic Leaching Procedure.

14. TRANSPORT INFORMATION

DOT: Not regulated for transportation.
TDG: Not regulated for transportation.
SEA-IMDG: Not regulated for Sea Transport.
AIR-IATA: Not regulated for Air Transport.

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): None TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: ND SARA Title III Section 311/312: None

SARA Title III Section 313 Toxic Chemicals: None WHMIS Classification: Not a controlled product.

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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