

OP220  
Requester: ORDER 037LKN

IMPERIAL SUPPLIES LLC  
MSDS SHEET FOR 0091790

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### MATERIAL SAFETY DATA SHEET

#### 1. PRODUCT IDENTIFICATION

Product Name: 133K ANTI-SEIZE LUBRICANT 8OZ  
Item No: 80078  
Product Type: Lubricant

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 64742-52-5	20-40	Not listed	Not listed
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC 64742-53-6	20-40	5 mg/m3 TWA ACGIH	Not listed
CALCIUM OXIDE 1305-78-8	15-25	2 mg/m3	5 mg/m3
ALUMINIUM POWDER 7429-90-5	<10	1 mg/m3	15 mg/m3
GRAPHITE 7782-42-5	<10	2 mg/m3	1.5 mppcf
MINERAL OIL 64741-44-2	<5	5 mg/m3	Not listed

#### 3. HAZARDS IDENTIFICATION

Toxicity:

May cause eye and skin irritation. May cause nose, throat and respiratory irritation. May cause gastrointestinal irritation. High concentrations may cause central nervous system (CNS) depression.

Primary Routes of Entry:

Eye and skin contact, ingestion, inhalation. Overexposure may cause eye and skin redness, difficulty breathing and vomiting. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. Inhalation of dust at levels above recommended exposure limit may cause metallic or sweet taste, irritation of pharynx and possible ulceration with perforation of the nasal septum.

Signs and Symptoms of Exposure:

Medical Conditions Recognized as Being Aggravated by Exposure:

Persons with respiratory problems such as emphysema and asthma should avoid inhalation. Since this product contains copper compounds, individuals with Wilson's Disease should avoid exposure to this product.

#### 4. FIRST AID MEASURES

Ingestion:

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:

Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

Skin Contact:

Wash off with soap and water. If skin irritation persists, call a physician.

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

Flash Point (F(C)):

>200; F TCC

Recommended Extinguishing Media:

Carbon Dioxide, Dry Chemicals, Foam.

Special Fire-Fighting Procedures:

Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

Hazardous Products of Combustion:

Oxides of carbon, Metal oxide fumes

Unusual Fire/Explosion Hazards:

May ignite when sufficient heat is applied.

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Lower Explosive Limit: 30% aluminum metal; 1% oil  
Upper Explosive Limit: 7% oil

#### 6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

#### 7. HANDLING AND STORAGE

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).

Handling: Avoid prolonged skin contact. Keep away from eyes. Do not inhale vapors. Do not use near heat, sparks or open flame. Wash hands and face after handling this compound.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses.  
Skin: Neoprene or nitrile gloves recommended.  
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.  
Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Silver paste  
Odor: Petroleum distillates  
Boiling Point: Not determined  
pH: Does not apply  
Solubility in Water: Nil  
Specific Gravity: 1.17  
VOC(Wt.%): None  
Vapor Pressure: <5 mm Hg  
Vapor Density (Air=1): <1  
Evaporation Rate: <1 (butyl acetate = 1)

#### 10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions  
Hazardous Polymerization: Will not occur.  
Incompatibilities: Strong oxidizers, alkalies, mineral acids, selected amines.  
Conditions to Avoid: Heat.  
Hazardous Products of Combustion: Oxides of carbon, Metal oxide fumes

#### 11. TOXICOLOGICAL INFORMATION

See Section 3

#### 12. ECOLOGICAL INFORMATION

No data available

#### 13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:  
Disposal should be made in accordance with federal, state and local regulations..

US EPA Waste Number:  
NH - Not a RCRA Hazardous Waste Material

#### 14. TRANSPORTATION INFORMATION

DOT (49CFR 172)  
Ground Transport (DOT)  
DOT Shipping Name: Not Regulated  
Hazard Class: None  
UN/ID Number: None

#### IATA

Proper Shipping Name: Not regulated  
Class or Division: None  
UN/ID Number: None

#### IMDG

Proper Shipping: Not regulated  
Hazard Class: None  
UN Number: None  
Marine Pollutant: None

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15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

NONE

California Proposition 65: No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 1, REACTIVITY 1 .

Estimated HMIS Classification: HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0  
NFPA is a registered trademark of the National Fire Protection Assn.  
HMIS is a registered trademark of the National Paint and Coatings Assn.

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