

JET-LUBE, INC.

MATERIAL SAFETY DATA SHEET



Product Name: API-MODIFIED
Chemical Family: Petroleum based lubricating grease
Use: Tubing, casing and line pipe.

Manufacturer/Supplier: JET-LUBE, INC.
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Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Petroleum oil	64742014/64742525	30-40	Oil mist TWA-5mg/M ³	N/A	STEL: 10mg/M ³
Nonhazardous Blend	94166877/3159624 7620771/7782425	18-23	UN	UN	STEL: UN
Metallic Lead	7439921	29-31	0.05 mg/M ³	0.15/M ³	
Metallic Zinc	7440666	11.6-12.8	15mg/M ³	10mg/M ³	STEL: 10mg/M ³
Metallic Copper	7440508	3-3.6	N/A	1mg/M ³	STEL: 2mg/M ³

Main Hazards-Health Effects
Eyes: May cause irritation. **Inhalation:** Viscous nature may block breathing passages if inhaled. **Ingestion:** May cause diarrhea.
Skin: For hypersensitive persons, may irritate the skin after prolonged periods of contact.

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help. **Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help. **Ingestion:** Wash out mouth immediately. Consult physician. **Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

Extinguishing Media: Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist.
Unsuitable Extinguishing Media: Water jet. **Protective Equipment for Fire fighting:** Self-contained breathing apparatus.

Personal Precautions: Wear gloves & protective overalls. **Environmental Precautions:** Do not allow it to enter drains.
Spillage: Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

Handling: No special handling precautions necessary. **Storage:** Do not store at elevated temperatures.

Respiratory Protection: None needed. **Hand Protection:** Protective gloves for hypersensitive persons.
Eye Protection: Glasses, if applied to parts in motion. **Body Protection:** Overalls.

Physical State: Semisolid paste **Color:** Black/Brown **Odor:** Petroleum **pH:** Neutral **Boiling Range/Point °F (°C):** >525 (274)
Melting Point °F (°C): >280 (138) **Flash Point (COC) °F (°C):** >430 (221) **Autoignition Temperature °F (°C):** >500 (260)
Explosive Properties: LEL: 0.9% UEL: 7% **Evaporation Rate (Butyl Acetate):** <0.01 **Partition Coefficient (Log Pow):** N/A
Vapor Pressure (kPa): <0.01 **% Volatiles:** Nil **Density (g/cm³):** 1.97 **Flammability:** Not flammable at ambient temp.
OSHA PEL: N/A **Oxidizing Properties:** None **Water Solubility:** Nil **Vapor Density:** >5

Stability: Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** Powerful sources of ignition & extreme temps.
Materials to Avoid: Strong inorganic & organic acids, oxidizing agents & metal reactive agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulfur & nitrogen. Residue mainly comprised of soot, metal & mineral oxides.

Acute Toxicity: Not known. **Irritancy-Skin:** Very mild. **Skin Sensitization:** Not known. **Subacute/Sub-chronic Toxicity:** Not known.
Genotoxicity: Yes, lead **Chronic Toxicity:** May result in birth defects, anemia, weight loss & impaired motor functions.
California Prop 65: Lead, Reproductive toxin & carcinogen **Carcinogen:** NTP: No IARC: Probable 2B OSHA: No **EC Class (67/548/EEC):** No **LC-50:** UN, presumed toxic **LD-50:** N/A **Allergens:** UN **Tetragens:** Yes, lead. **WHMIS (Canada):** D2A D2B

Possible Effects: May generate oil fractions and lead that could act as a marine pollutants. **Behavior:** Bioaccumulation potential of metallic lead is minimal. **Environmental Fate:** Highly unlikely to cause notable contamination. May be toxic to marine or land organisms. API Modified is denser than water with limited solubility or mobility.

Product Disposal: Don't incinerate. Contact waste disposal company or local authority for advice on leaded waste. EPA Waste Code D008
Container Disposal: Pails without liner-see Product Disposal section above. Pails with plastic liner-pail may only be disposed of via standard waste disposal services, recycled or reused. **Liner-see** Product Disposal section above.

UN No.: 3077 **Hazard Class:** 9 **D.O.T. , Air Transport (ICAO & IATA), Sea Transport (IMO & IMDG), Road & Rail Transport (ADR/RID):** Environmentally Hazardous substance, solid, NOS (Lead, copper) **Packaging Group:** III **IMDG:** Marine Pollutant **IATA ERG Code:** 9L

Labeling Information: None **EC Annex 1 Class:** N/A **R Phrases:** R22-harmful if swallowed. R33-danger of cumulative effects.
S Phrases: S41-burning may evolve toxic fumes. **Ozone Depleting Chemicals:** Not applicable. **TSCA:** All components are listed.
EINECS: All components listed. **Canadian DSL:** All components listed. **40 CFR Part 372 (SARA Sec. 313):** Contains lead, zinc & copper
CERCLA: Lead RQ-1 lb. **SARA 311/312 & RCRA Hazard Class:** Hazardous, contains lead. **TSCA 12B Components:** Zinc & Lead

SDS first issued. SDS data revised. **New Jersey Right To Know:** See Section II

Signature:
 Prepared by: Donald A. Oldiges
 Date Issued: April 26, 2011

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LEGEND	
I.	IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY
II.	COMPOSITION INFORMATION ON INGREDIENTS
III.	HAZARDS IDENTIFICATION
IV.	FIRST AID MEASURES
V.	FIRE FIGHTING MEASURES
VI.	ACCIDENTAL RELEASE MEASURES
VII.	HANDLING AND STORAGE
VIII.	EXPOSURE CONTROL/PERSONAL PROTECTION
IX.	PHYSICAL AND CHEMICAL PROPERTIES
X.	STABILITY AND REACTIVITY
XI.	TOXICOLOGICAL INFORMATION
XII.	ECOLOGICAL INFORMATION
XIII.	WASTE DISPOSAL
XIV.	TRANSPORT INFORMATION
XV.	REGULATORY INFORMATION
XVI.	OTHER INFORMATION

HMIS SYMBOL

HEALTH	2
FLAMMABILITY	1
REACTIVITY	1
PPI	B

NFPA SYMBOL

