



Product Name: API-MODIFIED Manufacturer/Supplier: JET-LUBE, INC. Chemical Family: Petroleum based lubricating grease Address: 4849 Homestead Rd., Ste. #232 Use: Tubing, casing and line pipe. Houston, TX, 77028 USA reinhardoil.dk Telefon + 45 70267007 Emergency Phone: 713-670-5700 Telefax + 45 70267047 Chemtrec 24 hours (USA): 800-42 www.reinhardoil.dk Outside the USA: 703-527-3887 mail@reinhardoil.dk Other Limits of Exposure Hazardous Components CAS No. Wt% **OSHA PEL** ACGIH TLV 64742014/64742525 Petroleum oil Oil mist STEL: 10mg/M<sup>3</sup> 30-40 N/A TWA-5mg/M<sup>3</sup> Nonhazardous Blend 94166877/3159624 UN UN 18-23 STEL: UN Π 7620771/7782425 Metallic Lead 7439921 29-31 0.05 mg/M<sup>3</sup> 0.15/M<sup>3</sup> Metallic Zinc 7440666 11.6-12.8 15mg/M<sup>3</sup> 10mg/M<sup>3</sup> STEL: 10mg/M<sup>3</sup> Metallic Copper 7440508 3-3.6 N/A  $1 mg/M^3$ STEL: 2mg/M<sup>3</sup> Main Hazards-Health Effects Eyes: May cause irritation. Inhalation: Viscous nature may block breathing passages if inhaled. Ingestion: May cause diarrhea. For hypersensitive persons, may irritate the skin after prolonged periods of contact. Skin: Flush with water until all residual material is gone. If irritation persists, seek medical help. Inhalation: Clear air passage. If Eyes: 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. Z Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth. Spillage: Handling: No special handling precautions necessary. Storage: Do not store at elevated temperatures. Hand Protection: Respiratory Protection: None needed. 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 К % Volatiles: Nil Vapor Pressure (kPa): <0.01 Density (g/cm3): 1.97 Flammability: Not flammable at ambient temp. OAR Value: 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.  $\nabla$ 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 Tetrogens: 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 XII 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 SARA 311/312 & RCRA Hazard Class: Hazardous, contains lead. TSCA 12B Components: Zinc & Lead CERCLA: Lead RQ-1 lb. SDS data revised. New Jersey Right To Know: See Section II SDS first issued. HMIS SYMBOL

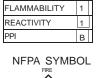
XVI. OTHER INFORMATION

Signature: Prepared by: Donald A. Oldiges

Date Issued: April 26, 2011

As of issue date, the information contained herein is accurate and reliable to the best of JET-LUBE'S knowledge. JET-LUBE® does not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

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