

JET-LUBE, INC.

MATERIAL SAFETY DATA SHEET

<p>I <u>Product Name:</u> TF-15® <u>Chemical Family:</u> Petroleum based lubricating grease <u>Use:</u> Tubing, casing and line pipe sealant.</p>	<p><u>Manufacturer/Supplier:</u> JET-LUBE, INC. <u>Address:</u> 4849 Homestead Rd., Ste. #232 Houston, TX, 77028 USA <u>Phone:</u> 713-670-5700 <u>Emergency Phone:</u> 713-670-5700 <u>Fax:</u> 713-678-4604 <u>Chemtrec 24 hours (USA):</u> 800-424-9300 <u>Outside the USA:</u> 703-527-3887</p>
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Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Petroleum oil	64742525/64742014	60-100	Oil mist	N/A	STEL: 10mg/M³
Nonhazardous Blend	82980549/7620771 7782425/12003382 14807966/9002840	30-60	UN	UN	UN

III Main Hazards–Health Effects
Eyes: May cause irritation. Inhalation: Viscous nature may block breathing passages if inhaled. Ingestion: May cause diarrhea.
Skin: Possible rash for persons with hypersensitivity.

IV 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.

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

VI 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.

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

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

IX Physical State: Grainy, Semisolid paste Color: Black Odor: Pungent pH: Neutral Boiling Range/Point °F (°C): >525 (274)
Melting Point °F (°C): >450 (232) 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 Percent Volatiles: Nil Density (g/cm³): 1.21 Flammability: Not flammable at ambient temperature.
OAR Value: N/A Oxidizing Properties: None Water Solubility: Nil Vapor Density: >5

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

XI Acute Toxicity: Not known. Irritancy–Skin: Very mild. Skin Sensitization: Not known.
Subacute/Sub-chronic Toxicity: Not known. Genotoxicity: None known. Chronic Toxicity: None known.
California Prop 65: N/A Carcinogen: NTP: No IARC: No OSHA: No EC Class (67/ 548/EEC): No
Allergens: None known. LC-50: 1.98g/l(-mysidopsis bahia) based on assessment from related products. LD-50: N/A

XII Possible Effects: In extreme cases, may generate oil fractions that could act as a marine pollutant, but is highly unlikely.
Behavior: Relatively well behaved. Bioaccumulation potential nil. Environmental Fate: Highly unlikely to cause widespread contamination.

XIII Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice.
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.

XIV Not classified as hazardous for transport. D.O.T.: Nonhazardous UN No.: Nonhazardous Air Transport (ICAO & IATA): Nonhazardous
Sea Transport (IMO & IMDG): Nonhazardous Road & Rail Transport (ADR/RID): Nonhazardous

XV Labeling Information: None needed EC Annex 1 Classification: N/A R Phrases: R22—harmful if swallowed.
S Phrases: N/A, as known. Ozone Depleting Chemicals: N/A TSCA: All components are listed.
WHMIS (Canada): Not controlled. Canadian DSL: All components listed. TSCA 12B Components: None
40 CFR Part 372 (SARA Section 313): N/A CERCLA: Nonhazardous RCRA Hazard Class: Nonhazardous SARA 311/312: None

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



Signature: Donald A. Oldiges
Prepared by: Donald A. Oldiges
Date Issued: February 20, 2012

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.

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

HMS SYMBOL

HEALTH	1
FLAMMABILITY	1
REACTIVITY	1
PPI	B

NFPA SYMBOL

FIRE		
1	1	1
TOXICITY		
REACTIVITY		
B		

PERSONAL PROTECTION INDEX