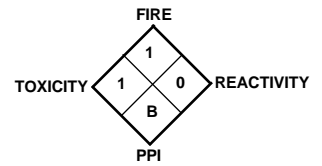


HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPI	B

MATERIAL SAFETY DATA SHEET



Nikal

NFPA SYMBOL

HMIS SYMBOL

Identification of the Substance / Preparation and Company

Product Name: Nikal
 Chemical Family: Petroleum based thread compound
 Use: Anti-seize compound

Manufacturer/Supplier: Jet-Lube of Canada Ltd.
 Address: 3820 - 97 Street
 Edmonton, Alberta
 Canada T6E 5S8

Phone: (780) 463-7441 Fax: (780) 463-7454
 CCOHS: 1-800-263-8466 Emergency: (713) 674-7617

Physical and Chemical Properties

Physical State: Paste Odor: Light petroleum odor
 Boiling Point: <316°C (600°F) pH: Neutral
 Melting Point: 232°C (450°F) Water Solubility: Nil
 Flash Point (COC): 293°C (560°F) Density: 1.10 kg/liter
 Autoignition Temp: >260°C (500°F) Vapor Pressure: <0.01 kPa
 Oxidizing Properties: None % Volatiles: Nil
 Flammability: Nil at ambient temp. OAR Value: N/A
 Explosive Properties: LEL - 0.9% UEL - 7%
 Evaporation Rate: (Butyl Acetate = 1.0): <0.01

Composition Information on Ingredients

<u>Hazardous Components</u>	<u>Nickel</u>
CAS No:	7440-02-0
Wt%:	30 Max.
OSHA PEL:	1 mg/m3
ACGIH TLV:	1 mg/m3
Other:	

Stability and Reactivity

Stability: Chemically stable under normal conditions
 Conditions to Avoid: Powerful sources of ignition, extreme temps.
 Materials to Avoid: Strong acids and oxidizing agents
 Hazardous Decomposition Products: Hydrogen, carbon monoxide,
 aldehydes, smoke, toxic fumes, possible metal carbonyls.

Hazards Identification

Eyes: May cause irritation.
 Inhalation: N/A
 Ingestion: May cause diarrhea.
 Skin: May cause irritation after prolonged contact.

Toxicological Information

Inhalation: N/A Skin Irritancy: Very Mild Allergens: None known
 Chronic Toxicity: No specific information available
 Genotoxicity: None of the ingredients in this compound are
 known or suspected embryotoxins, nor are they known to
 adversely affect the normal reproductive cycle.
 LC-50: Unknown
 LD-50: N/A
 Carcinogen - NTP: Suspected IARC: Yes OSHA: No

First Aid Measures

Eyes: Flush with water until all residual material is gone.
 If irritation persists, seek medical help.
 Inhalation: N/A
 Ingestion: Do not induce vomiting. Wash out mouth.
 Contact a physician immediately.
 Skin: Remove by wiping or with a waterless hand
 cleaner, followed by washing with soap and water.

Ecological Information

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

Fire Fighting Measures

Extinguishing Media: Foam, dry chemical, halon, carbon dioxide,
 sand, earth or water mist.
 Unsuitable Extinguishing Media: Water jet.
 Protective Equipment: Self-contained breathing apparatus.

Waste Disposal

Consult federal, provincial and local regulations for disposal of
 petroleum products.

Accidental Release Measures

Personal Precautions: Wear gloves and protective overalls.
 Environmental Precautions: Do not allow to enter drains.
 Spillage: Scoop up excess, then wipe down the affected
 area and pick up residue with diatomaceous
 earth to avoid a walking hazard.

Transport Information

Not classified as hazardous for transport.
 D.O.T: Non-hazardous UN No: N/A
 Air Transport (ICAO): N/A Sea Transport (IMO): N/A
 Road & Rail Transport (ADR/RID): N/A

Handling and Storage

No special handling precautions necessary. Keep containers
 closed when not in use. Store in a cool, well ventilated place.
 Do not handle or store near open flame or sources of ignition.
 Do not pressurize, cut, heat or weld empty containers.

Regulatory Information

WHMIS: Not regulated TDG: Not regulated
 Labelling Requirements: None
 DSL: All components listed TSCA: All components listed
 R Phrases: R22, harmful if swallowed
 S Phrases: None applicable, as known
 SARA 313: Contains in part raw material components subject to
 reporting.
 Ozone Depleting Chemicals: None

Exposure Control / Personal Protection

Respiratory Protection: None required.
 Hand Protection: Protective gloves for hypersensitive persons.
 Eye Protection: Protective glasses if applied to moving parts.
 Body Protection: Protective overalls.

Other Information

Prepared by: Jet-Lube of Canada Ltd.

Date Issued: September 24, 2001

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 himself/herself that the information offered for his/her consideration is suitable for his/her particular use.