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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: 771 NICKEL ANTI-SEIZE LUBRICANT 8OZ BT
Item No: 77124
Product Type: Lubricant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
MINERAL OILS MIXTURE	>60	Not Listed	Not Listed
NICKEL 7440-02-0	10-20	1.5 mg/m ³ TWA (inhalable fraction)	metal and insoluble compounds, as Ni: 1 mg/m ³ TWA; soluble compounds, as Ni: 1 mg/m ³ TWA
GRAPHITE 7782-42-5	5-15	2 mg/m ³ respir.dust	15 mppcf TWA
OXYGENATED ALIPHATIC HYDROCARBON MIXTURE	5-15	Not Listed	Not Listed
ALUMINIUM POWDER 7429-90-5	<2	10 mg/m ³ TWA (metal dust) ACGIH	15 mg/m ³ TWA (total dust), 5 mg/m ³ TWA (respirable)

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye and skin irritation.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: May cause skin or eye irritation, dermatitis, oil acne, or defatting of skin on prolonged or repeated contact. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
NICKEL 7440-02-0	10-20	Reasonably anticipated to be a human carcinogen	A5 - Not Suspected as a Human Carcinogen	Group 2B Monograph 49, 1990

Medical Conditions Recognized as Being Aggravated by Exposure: Persons with respiratory problems such as emphysema and asthma should avoid inhalation.

4. FIRST AID MEASURES

Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking fingers down throat; never give anything to an unconscious person. Get medical attention..
Inhalation: Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. 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., DO NOT use water
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products of Combustion: Oxides of carbon, Oxides of zinc, Oxides of sodium, Oxides of sulfur
Unusual Fire/Explosion Hazards: Closed containers may rupture or explode when exposed to extreme heat.

Lower Explosive Limit: 30% Aluminum metal
Upper Explosive Limit: Not determined

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 120 degrees F.
Handling: Avoid prolonged skin contact. Keep away from eyes. Do not inhale vapors.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses
Skin: Rubber or plastic gloves.
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 respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Gray paste
Odor: petroleum distillates
Boiling Point: Not determined.
pH: Does not apply
Solubility in Water: Less than 1%
Specific Gravity: 1.1
VOC Content(Wt.%): 0
Vapor Pressure: Less than 5 mm Hg
Vapor Density (Air=1): >1 (air = 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
Conditions to Avoid: Heat
Hazardous Products of Combustion: Oxides of carbon, Oxides of zinc, Oxides of sodium, Oxides of sulfur

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)

Domestic Ground Transport

DOT Shipping Name: Unrestricted
Hazard Class: None
UN/ID Number: None
Marine Pollutant: None

IATA

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

Product Name: 771 NICKEL ANTI-SEIZE LUBRICANT
8OZ BT

Item No: 77124

IMDG

Proper Shipping: Unrestricted
Hazard Class: None
UN Number: None

15. REGULATORY INFORMATION

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

NICKEL

CALIFORNIA PROP 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

TSCA Inventory Status:

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

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 0

Estimated HMIS Classification: HEALTH 2, 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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