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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: NICKEL ANTI-SEIZE LUBRICANT 1LB BB
Item No: 77164
Product Type: Lubricant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 64742-52-5	>50	Not listed	Not listed
NICKEL 7440-02-0	10-20	1.5 mg/m ³	1 mg/m ³
GRAPHITE 7782-42-5	5-15	2 mg/m ³	15 mppcf
OXYGENATED ALIPHATIC HYDROCARBON (MIXTURE)	5-15	Not listed	Not listed
ALUMINIUM POWDER 7429-90-5	<2	1 mg/m ³	15 mg/m ³

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.

Component	Weight%	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: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. 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, Aldehydes
Unusual Fire/Explosion Hazards: Closed containers may rupture or explode when exposed to extreme heat.

5. FIRE FIGHTING MEASURES

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 100°F (38°C).
Handling: Avoid prolonged skin contact. Keep away from eyes. Do not inhale vapors.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses.
Skin: Neoprene or nitrile gloves recommended.
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 organic vapor respirator 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: N/D
pH: N/AP
Solubility in Water: <1%
Specific Gravity: 1.1
VOC(Wt.%): 0
Vapor Pressure: <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, Aldehydes

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)

Ground Transport (DOT)

DOT Shipping Name: Not Regulated
Hazard Class: None
UN/ID Number: None

IATA

Proper Shipping Name: Not regulated
Class or Division: None

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BB

Item No: 77164

14. TRANSPORTATION INFORMATION

UN/ID Number: None

IMDG

Proper Shipping: Not regulated

Hazard Class: None

UN Number: None

Marine Pollutant: None

15. REGULATORY INFORMATION

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

NICKEL

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer

TSCA Inventory Status: 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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