

MATERIAL SAFETY DATA SHEET

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SECTION 1 – PRODUCT INFORMATION

Chemical Family: Synthetic based lubricating grease	Trade Name: Metatron 99N
Formula: Proprietary Mixture	

SECTION 2 – HAZARDOUS INGREDIENTS

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	Wt%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Nonhazardous Blend	9003296/68037014 82980549/7782425 8042475	60-100		UN		UN
Nickel Powder	7440020	20-30		1mg/M ³		1mg/M ³

SECTION 3 – PHYSICAL DATA

Boiling Range/Point °F (°C):	<600 (316)	Specific Gravity:		Melting Point °F (°C):	N/A
Vapor Pressure (kPa):	<0.01	% Volatile:	Nil	Autoignition Temperature °F (°C):	>500 (260)
Vapor Density (Air = 1):	>5	Evaporation Rate (Butyl Acetate):	<0.01	Partition Coefficient (Log Pow):	N/A
Solubility in Water:	Nil	pH:	Neutral	Density (g/cm³):	1.16
OSHA Value:	N/A	Oxidizing Properties:	None		

Appearance and Odor: Semisolid paste, Silver Color, Mild Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (COC) °F (°C): 430 (221)	Flammability Limits LEL & UEL: UN
Extinguishing Media: Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist.	
Unsuitable Extinguishing Media: Water jet.	
Special Fire Fighting Procedures: Protective Equipment for Fire fighting, Self-contained breathing apparatus.	
Unusual Fire & Explosion Hazards: Not flammable at ambient temp.	

SECTION 5 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	Hazardous Decomposition <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong inorganic & organic acids, oxidizing agents.	
Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons & oxides of carbon & possible metal carbonyls. Residue mainly comprised of soot, metal & mineral oxides.	
Conditions to Avoid: Powerful sources of ignition & extreme temps.	

SECTION 6 - HEALTH HAZARD DATA

Threshold Limit Value and Sources:
Acute Effects of Overexposure:
Ingestion: May cause diarrhea.
Eye Contact: May cause irritation.
Skin Contact: For hypersensitive persons, may irritate the skin after prolonged periods of contact.
Inhalation: Viscous nature may block breathing passages if inhaled.
CHRONIC EFFECTS OF OVEREXPOSURE:
Emergency and First Aid Procedures:
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
Inhalation: Clear air passage. If respiratory difficulty continues, seek medical help.
Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.

SECTION 7 – SPILL OR LEAK PROCEDURES

Environmental Impact: Highly unlikely to cause notable contamination. Possible Effects: In extreme cases, may generate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely. Behavior: Relatively well behaved. Bioaccumulation potential nil.
Procedures To Be Taken If Material Is Released or Spilled: Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.
Waste Disposal Method: Do not allow it to enter drains. 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.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection: None needed.
Ventilation: No special requirement under ordinary conditions of use and with adequate ventilation.
Eye Protection: Glasses, if applied to parts in motion.
Protective Clothing: Wear gloves & protective overalls.

SECTION 9 – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: No special handling precautions necessary. Do not store at elevated temperatures.

SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

HMIS & NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0 PPI=B

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: Nickel (carcinogen)	Carcinogen: NTP: Suspected
IARC: Yes	OSHA: No
EC Classification (67/548/EEC): No	Allergens: None known.
LC-50: Unknown	LD-50: N/A

SECTION 11-OTHERS**TRANSPORT INFORMATION**

Not classified as hazardous for transport. **D.O.T.:** Nonhazardous

UN No.: N/A

Air Transport (ICAO & IATA): N/A

Sea Transport (IMO & IMDG): N/A

Road & Rail Transport (ADR/RID): N/A

REGULATORY INFORMATION

Labeling Information: None needed

EC Annex 1 Classification: Not Applicable.

R Phrases: R22—harmful if swallowed.

S Phrases: None applicable, as known.

Ozone Depleting Chemicals: Not applicable.

TSCA: All components are listed.

WHMIS (Canada): Not regulated.

Canadian DSL: All components listed.

40 CFR Part 372 (SARA Section 313): Nickel

SARA 311/312: None

CERCLA: Nonhazardous

RCRA Hazard Class: Nonhazardous

TSCA 12B Components: None

OTHER INFORMATION

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

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