

MATERIAL SAFETY DATA SHEET

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SECTION 1 – PRODUCT INFORMATION					
Chemical Family: Synthetic based lubricant		Trade Name: Metatron 190			
Formula:					
SECTION 2 – HAZARDOUS INGREDIENTS					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	Wt%	Exposure Limits		
			TVL	PEL	Other Limits of Exposure mg/m ³
			mg/m ³	mg/m ³	
Nonhazardous Blend	63148629/7631869 70131678/57556	100	UN	UN	STEL: UN
SECTION 3 – PHYSICAL DATA					
Boiling Range/Point °F (°C):	>600 (316)	Specific Gravity:		Melting Point °F (°C):	None
Vapor Pressure (kPa):	<0.01	% Volatile:	Nil	Autoignition Temperature °F (°C):	>600 (316)
Vapor Density (Air = 1):	>5	Evaporation Rate (Butyl Acetate):	<0.01	Partition Coefficient (Log Pow):	N/A
Solubility in Water:	Not soluble	pH:	Neutral	Density (g/cm³):	1.06
OAR Value:	N/A	Oxidizing Properties:	None		
Appearance and Odor: Smooth semiplastic. Opaque white Color, Low Odor					
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA					
Flash Point (COC) °F (°C): >500 (260)		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 temperature					
SECTION 5 - REACTIVITY HAZARD DATA					
STABILITY [X] STABLE [] UNSTABLE		Hazardous Decomposition [] WILL [X] WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Strong inorganic & organic acids, oxidizing agents.					
Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon & silicone. Residue mainly comprised of soot & mineral oxides.					
Conditions to Avoid: Powerful sources of ignition and extreme temperatures.					
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 widespread contamination. Nontoxic to marine or land organisms. Possible Effects: Unlikely to act as a marine pollutant 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			
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 = 4 Reactivity = 0

Acute Toxicity: Not known.**Skin Sensitization:** Not known.**Genotoxicity:** None known.**California Prop 65:** N/A**IARC:** No**EC Classification (67/548/EEC):** No**LD-50:** Not applicable**Irritancy–Skin:** Very mild.**Subacute/Sub-chronic Toxicity:** Not known.**Chronic Toxicity:** None known.**Carcinogen:** NTP: No**OSHA:** No**LC-50:** >4000mg/kg—extrapolated from component data.**SECTION 11- TRANSPORT, REGULATORY , OTHER INFORMATION****INFORMATION**

Not classified as hazardous for transport.

UN No.: Nonhazardous**Sea Transport (IMO & IMDG):** Nonhazardous**D.O.T.:** Nonhazardous**Air Transport (ICAO & IATA):** Nonhazardous**Road & Rail Transport (ADR/RID):** Nonhazardous**REGULATORY INFORMATION****Labeling Information:** None needed**R Phrases:** R22—harmful if swallowed.**Ozone Depleting Chemicals:** Not applicable.**WHMIS (Canada):** Not controlled.**40 CFR Part 372 (SARA Section 313):** N/A**RCRA Hazard Class:** Nonhazardous**TSCA 12B Components:** None**EC Annex 1 Classification:** Not Applicable.**S Phrases:** None applicable, as known.**TSCA:** All components are listed.**Canadian DSL:** All components listed.**CERCLA:** Nonhazardous**SARA 311/312:** None**OTHER INFORMATION****New Jersey Right To Know:** See Section II

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