

MATERIAL SAFETY DATA SHEET

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SECTION 1 – PRODUCT INFORMATION

Chemical Family: Petroleum Hydrocarbons and Additives	Trade Name: Metatron 601
Formula: Solvent refined severely hydro-finished paraffin base oils, multi-functional anti-wear rust and oxidation inhibitor additive package, sulfurized oxymolybdenum organophosphorodithiolate.	

SECTION 2 – HAZARDOUS INGREDIENTS

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Zinc Dialkyldithiophosphate	68649-42-3	.225-0.45		NE		
Molybdenum Di-2-Ethylhexyl Phosphorodithiolate	68958-92-9	<1		10		15
2,6-di-tert-butylphenol	128-39-2	<1		NE		
CI Solvent 98 Blue Dye	74499-36-8	.05	NE			
Petroleum Base Oil	64742-65-0, 64742-54-7, 64742-88-4	98-99		5		5
Polyalphaolefin Synthetic Base Fluid	68037-01-4			5		5

Section 3 – PHYSICAL DATA

Boiling Point:	>600°F/315.56°C	Specific Gravity:	.8816
Vapor Pressure (mm, Hg):	<.1	% Volatile:	Nil
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)	Not Determined
Solubility in Water:	Not Determined	pH:	Not Applicable
Appearance and Odor: Blue color, mild odor.			

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method) °F/°C: 420°F/215.56°C C.O.C.	Flammability Limits UEL & LEL ----Not Determined
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.	
Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus.	
Unusual Fire & Explosion Hazards: Dense black smoke.	

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
Conditions to Avoid: High heat, high energy ignition sources	
Incompatibility (Mat. to avoid): Strong oxidants	
Hazardous Decomposition Products: Oxides of carbon, sulfur, phosphorus, and nitrogen	
Conditions to Avoid: None	

SECTION 6 - HEALTH HAZARD DATA

Threshold Limit Value and Sources: 5.0/mg/m ³ for oil mist. OSHA & ACGIH.	
Acute Effects of Overexposure:	
Ingestion:	Nausea and Diarrhea.
Eye Contact:	Irritation and redness to eyes
Skin Contact:	Prolonged and repeated contact with the skin can cause irritation and redness to skin.
Inhalation:	Vapors can be given off under high heat conditions excessive breathing of vapors can cause irritation of the respiratory tract.
CHRONIC EFFECTS OF OVEREXPOSURE: None currently known	
Emergency and First Aid Procedures:	
Swallowing:	If a large amount of this material is swallowed give a large amount of water to drink. Do not induce vomiting. Seek medical attention immediately.
Skin:	Wash skin thoroughly with soap and water. Launder contaminated clothing.
Inhalation:	Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.
Eyes:	Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately

SECTION 7 – SPILL OR LEAK PROCEDURES

Environmental Impact: This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.
Procedures To Be Taken If Material Is Released or Spilled: Immediately absorb spilled material with absorbent clay, diatomaceous earth or other suitable material. Keep out of sewers and waterways.
Waste Disposal Method: Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations. This product is not considered to be a RCRA hazardous waste.

SECTION 8 – SPECIAL PROTECTION INFORMATION	
Respiratory Protection:	None required under ordinary conditions of use.
Ventilation:	No special requirement under ordinary conditions of use and with adequate ventilation.
Eye Protection:	Goggles or face shield.
Protective Clothing:	Oil resistant gloves.
SECTION 9 – SPECIAL PRECAUTIONS	
Precautions To Be Taken In Handling and Storage: Do not store near heat, spark, flame or strong oxidizers. Keep containers closed when not in use.	
Special Comments: : Remove oil soaked clothing, launder before reuse. Wash skin thoroughly with soap and water after handling. Keep away from food and feed products	
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA	
HMIS & NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0	
This product does not contain any of the chemicals listed on the National Toxicology Program Annual Reports on Carcinogens, The International Agency for Cancer Research Monographs and OSHA's 1910.10 Subpart Z List.	
This product does not contain any chemicals that are found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.	
SARA Title III Information: This product contains .225-0.45% Zinc Dialkyldithiophosphate CAS# 68649-42-3.	
All of the components in this material are on the US TSCA Inventory. All components are in compliance with the Canadian Environmental Act.	

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