

MATERIAL SAFETY DATA SHEET

Manufacturer: Metatron Mfg.Co Address: Río Rhin No. 56, Col. Cuauhtémoc, 06500, Del. Cuauhtémoc, México D.F.		Emergency Response Number: Telephone: (52) 55-30 93 99 40 E-mail: info@metatron.com.mx				
SECTION 1 – PRODUCT INFORMATION						
Chemical Family: Petroleum Hydrocarbons and Additives		Trade Name: Metatron 45 #1				
Formula: Solvent refined severely hydro-treated paraffin base oils, bentone base thickeners, extreme pressure agents, anti-wear agent, rust and oxidation inhibitors, molybdenum disulfide.						
SECTION 2 – HAZARDOUS INGREDIENTS						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Antimony Dithiocarbamate	15890-25-2	1-3		.5		
Molybdenum Disulfide	1317-33-5	1-3		10		
Titanium Dioxide	13463-67-7	1-2		10		
Sodium Nitrite	7632-00-0	1-2		NE		
Organic-Molybdenum Sulfur cpd mixture		1-3		10		
Zinc Dipentylidithiocarbamate	15337-18-5	.3-.5		NE		
Section 3 – PHYSICAL DATA						
Boiling Point:	>600°F/315.5°C	Specific Gravity:	1.01			
Vapor Pressure (mm, Hg):	<.1	% Volatile:	Not Determined			
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)	Not Determined			
Solubility in Water:	Negligible	pH:	Not Applicable			
Appearance and Odor: Gray color, slight smell						
SECTION 4 – FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) °F/°C: 510°F/265.5°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: None expected.						
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 oxidizers						
Hazardous Decomposition Products: Oxides of carbon, sulfur, antimony, nitrogen, molybdenum and phosphorus.						
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. Tackiness agents in this product may be possibly coagulated by stomach acids.					
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: If ingested in large amounts or repeatedly, damage to the cardiovascular system and respiratory tract can occur.						
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. Treat medically for possible abdominal blockage.					
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.						
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:	None required.					

SECTION 9 – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Do not store near high heat 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.

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