

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 691 ISO 100 | | | | |
| Formula: Proprietary Mixture | | | | | | |
| SECTION 2 – HAZARDOUS INGREDIENTS | | | | | | |
| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES | CAS Number | % | Exposure Limits | | | |
| | | | TVL | | PEL | |
| | | | ppm | mg/m ³ | ppm | mg/m ³ |
| Polyalphaolefin Synthetic Base Fluid | 68037-01-4 | 89-92 | | 5 | | 5 |
| Olefin Sulfide | | 3-5 | | NE | | NE |
| Molybdenum Di-2-Ethylhexyldithiophosphate | 68958-92-7 | <1 | | 10 | | 15 |
| Cl Solvent Blue 98 | 74499-36-8 | <.05 | | NE | | NE |
| Section 3 – PHYSICAL DATA | | | | | | |
| Boiling Point: | >600°F/300°C | Specific Gravity: | .87 | | | |
| Vapor Pressure (mm, Hg): | Not Determined | % Volatile: | Nil | | | |
| Vapor Density (Air = 1): | Not Determined | Evaporation Rate: (=1) | Not Determined | | | |
| Solubility in Water: | Insoluble | pH: | Not Applicable | | | |
| Appearance and Odor: Blue green color, strong odor. | | | | | | |
| SECTION 4 – FIRE AND EXPLOSION HAZARD DATA | | | | | | |
| Flash Point (Method) °F/°C: 484°F/251.11°C C.O.C. (ASTM D-92) | | Flammability Limits UEL & LEL ----Not Determined | | | | |
| Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth. | | | | | | |
| 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 oxidizers and reducers | | | | | | |
| Hazardous Decomposition Products: Oxides of carbon, sulfur and by products of incomplete combustion. | | | | | | |
| 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 possibly be 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 the 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 conscious give two glasses of water to drink. Do not induce vomiting. Seek medical attention immediately. | | | | | |
| Skin: | Wash skin thoroughly with soap and water. Remove 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 or oil-dri. Shovel up and dispose of in approved waste container. 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 an 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: | Chemical resistant goggles of face shield. | | | | | |
| Protective Clothing: | Oil resistant gloves. | | | | | |

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.

This product does not contain any greater than 1% of any of the chemicals listed on the EPA's SARA Title III Section 302/304 and 313 list and CERCLA 102 (a).

All of the components in this material are on the US TSCA Inventory. All components are in compliance with the Canadian Environmental Protection Act.

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