

## MATERIAL SAFETY DATA SHEET

<b>Manufacturer:</b> Metatron Mfg.Co <b>Address:</b> Río Rhin No. 56, Col. Cuauhtémoc, 06500, Del. Cuauhtémoc, México D.F.		<b>Emergency Response Number:</b> <b>Telephone:</b> (52) 55-30 93 99 40 <b>E-mail:</b> <a href="mailto:info@metatron.com.mx">info@metatron.com.mx</a>		
<b>SECTION 1 – PRODUCT INFORMATION</b>				
<b>Chemical Family:</b> Polyether Polyols		<b>Trade Name:</b> Metatron 610		
<b>Formula:</b> Proprietary Mixture				
<b>SECTION 2 – HAZARDOUS INGREDIENTS</b>				
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits	
			TVL	
			ppm	mg/m <sup>3</sup>
Triethanolamine	102-71-6	.6-2	.5	
Diethylene Glycol	111-46-6	19-21	NE	NE
Morpholine	110-91-8	<1	70	
Polyalkene Glycol	9003-11-6	7-9		LD 50= 15 g/kg
Pelargonic Acid	112-05-0	.5-1	NE	NE
<b>Section 3 – PHYSICAL DATA</b>				
<b>Boiling Point:</b>	300°F/148.89°C	<b>Specific Gravity:</b>	1.082	
<b>Vapor Pressure (mm, Hg):</b>	Not Established	<b>% Volatile:</b>	Not Established	
<b>Vapor Density (Air = 1):</b>	+3	<b>Evaporation Rate: (=1)</b>	Not Established	
<b>Solubility in Water:</b>	Soluble	<b>pH:</b>	9-10	
<b>Appearance and Odor:</b> Clear orange-red color, strong characteristic odor.				
<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>				
<b>Flash Point (Method) °F/°C:</b> None. Aqueous Solution		<b>Flammability Limits UEL &amp; LEL ----:</b> Not Determined		
<b>Extinguishing Media:</b> After water evaporates, remaining material will burn. Use carbon dioxide foam, dry chemical foam, sand, earth, waterfog.				
<b>Special Fire Fighting Procedures:</b> Do not direct a solid stream of water or foam into hot burning pool. Use self contained breathing apparatus and protective clothing.				
<b>Unusual Fire &amp; Explosion Hazards:</b> None expected.				
<b>SECTION 5 - REACTIVITY HAZARD DATA</b>				
<b>STABILITY</b>	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	<b>Hazardous Decomposition [ ] WILL</b> <input checked="" type="checkbox"/> WILL NOT OCCUR	
<b>Conditions to Avoid:</b> WARNING: Do not mix this product with nitrates or other nitrosating agents.				
<b>Incompatibility (Mat. to avoid):</b> Strong oxidizers, zinc, cadmium, magnesium, unanodized aluminum.				
<b>Hazardous Decomposition Products:</b> Oxides of carbon and nitrogen				
<b>Conditions to Avoid:</b> None.				
<b>SECTION 6 - HEALTH HAZARD DATA</b>				
<b>Threshold Limit Value and Sources:</b> None established by OSHA & ACGIH.				
<b>Acute Effects of Overexposure:</b>				
<b>Ingestion:</b>	Large doses may cause abdominal discomfort or pain, dizziness, malaise, central nervous depression, severe kidney and liver damage. May be fatal if swallowed.			
<b>Eye Contact:</b>	Liquid, vapor and mist may cause discomfort in the eye with persistent conjunctivitis.			
<b>Skin Contact:</b>	Mild irritation or redness to skin.			
<b>Inhalation:</b>	High vapor concentrations may produce irritation of the mucous membranes, nose and throat, nausea, vomiting, headache and dizziness.			
<b>CHRONIC EFFECTS OF OVEREXPOSURE:</b> If ingested in large amounts or repeatedly, damage to the liver, kidneys and central nervous system may occur.				
<b>Emergency and First Aid Procedures:</b>				
<b>Swallowing:</b>	If conscious, give two glasses of water to dilute. Seek medical attention immediately.			
<b>Skin:</b>	Wash skin thoroughly with soap and water. Launder contaminated clothing.			
<b>Inhalation:</b>	Remove victim to fresh air. If breathing has stopped start artificial respiration immediately.			
<b>Eyes:</b>	Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately			
<b>SECTION 7 – SPILL OR LEAK PROCEDURES</b>				
<b>Environmental Impact:</b> This material is not expected to cause any serious environmental hazards. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.				
<b>Procedures To Be Taken If Material Is Released or Spilled:</b> Immediately absorb spilled material with absorbent material. Shovel up and put in an approved waste disposal container. Keep out of sewers and waterways.				
<b>Waste Disposal Method:</b> Incinerate in furnace where permitted. Otherwise, dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations.				
<b>SECTION 8 – SPECIAL PROTECTION INFORMATION</b>				
<b>Respiratory Protection:</b>	None required under ordinary conditions of use.			
<b>Ventilation:</b>	No special requirement under ordinary conditions of use and with adequate ventilation.			
<b>Eye Protection:</b>	Goggles or face shield.			
<b>Protective Clothing:</b>	PVC coated gloves.			

**SECTION 9 – SPECIAL PRECAUTIONS**

**Precautions To Be Taken In Handling and Storage:** Avoid inhalation of vapors or mist. Do not store near strong oxidizers. Launder clothing before reuse. Wash skin thoroughly with soap and water after handling. 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**

This product contains amines. As such, products containing nitrates or other nitrosating agents should not be mixed with this fluid. Such a mixture can cause the formation of nitrosamines. Nitrosamines have been found to be carcinogenic to laboratory animals.

This product does not contain any of the chemicals that have been found to cause cancer as listed in the National Toxicology Program's Annual Reports, the International Agency for Cancer Research Monographs, or OSHA's Subpart Z List.

This product does not contain any of the chemicals that are listed as potential cancer causing agent or reproductive toxins in the State of California's Proposition 65 List.

This product does not contain any chemicals that are listed in the SARA Title III Section 302, 304, and 313 lists.

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