



**MATERIAL SAFETY DATA SHEET**

4124 Riverside St.  
Riverside, MO 64150  
816-741-7985  
24 Hour Emergency Telephone  
800-424-9300

<u>HAZARD</u>	<u>RATINGS</u>
0 = Least	<b>Health = 1</b>
1 = Slight	<b>Fire = 1</b>
2 = Moderate	<b>Reactivity = 0</b>
3 = High	<b>Equipment = B</b>
4 = Extreme	

**SECTION I: PRODUCT DESCRIPTION**

**Product Name:** PRO<sub>2</sub>O  
**Product Class:** MOP TREATMENT

**SECTION II: PRODUCT COMPOSITION**

<b>Ingredient</b>	<b>Cas#</b>	<b>Occupation Exposure Limits</b>	
		<b>TLV(mg/CuM)</b>	<b>PEL(mg/CuM)</b>
1,2-dihydroxopropane	000057-55-6	400	400

**SECTION III: PHYSICAL PROPERTIES**

<b>Boiling Range:</b>	212°F
<b>Specific Gravity (Water = 1):</b>	1.038
<b>Vapor Pressure at 20°C (MM of HG):</b>	<0.01
<b>Vapor Density (Air = 1):</b>	2.6
<b>Solubility in Water:</b>	Soluble
<b>Evaporation Rate:</b>	Slower (Than butyl acetate)
<b>% Volatiles:</b>	100
<b>Appearance and Odor:</b>	Water White Liquid; Mild Odor

**SECTION IV: FIRE AND EXPLOSION DATA**

<b>Lower Flammability Limits (% in air):</b>	2.6
<b>Flash Point (and Method):</b>	214°F (TCC)
<b>Flammability Classification:</b>	Not Rated
<b>Recommended Extinguishing Media:</b>	CO <sub>2</sub> or dry chemical for small fires, alcohol-type foam or water spray for large fires

**Special Fire Fighting Procedures:** N/A

**Unusual Fire/Explosion Hazards:** Wear self-contained breathing apparatus with full face piece operating in a positive pressure mode.

**SECTION V: REACTIVITY DATA**

<b>Stability</b>	Stable
<b>Hazardous Polymerization</b>	Will Not Occur
<b>Materials to Avoid</b>	Oxidizing Materials
<b>Hazardous Decomposition Products:</b>	When burned, carbon dioxide and/or carbon monoxide are formed.

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## **SECTION VI: HEALTH INFORMATION**

### **Effects of Overexposure:**

- Ingestion:** Very low single dose and repeated application toxicity LD50 (dogs) greater than 9500 mg/kg
- Inhalation:** No adverse effects known.
- Skin Absorption:** Low in toxicity by single and repeated application.
- Eye Contact:** Essentially no effect
- Skin Contact:** Essentially no effect. Repeated contact may make skin soft and tender.
- Note to Physician:** Systemic: Low in toxicity, injury is unlikely. when propylene was given to rabbits by I V, kidney injury was produced
- Chronic exposure: Product may be a skin sensitizer in some individuals.
- Carcinogenicity:** This product is not listed in IARC Monographs, the NTP Fourth Annual Report or the current ACGIH TLV's as a carcinogen or potential carcinogen. It is not regulated by OSHA as a carcinogen.

### **Emergency First Aid Procedures:**

- Eye Contact:** Flush with water for 15 minutes. Hold eyelids apart to flush of entire eye surface..
- Skin Contact:** May cause irritation. Wash off in flowing water or shower. Launder clothing before reuse.
- Inhalation:** Remove to fresh air. Consult medical personnel.
- Ingestion:** Low in toxicity. Induce vomiting only if large amounts are ingested.

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## **SECTION VII: FIRE AND SPILL/LEAK PROCEDURES**

**Procedures if Material is Spilled or Released:** Small spills: Cover with absorbent material, soak up and shovel or sweep into a drum.

Large spills: Dike around spill and pump into suitable containers.

### **Waste Disposal Procedures**

Liquids: Reprocess or burn. Dispose of in accordance with federal, state and local laws. Product has been evaluated for RCRA characteristics and does not meet criteria of a hazardous waste if discarded in its purchased form.

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## **SECTION VIII: SPECIAL PROTECTION INFORMATION:**

- Respiratory Protection:** None normally needed.
- Protective Clothing:** None normally needed. If contact is long or frequent, wear gloves.
- Eye Protection:** None normally needed. Safety glasses with side shields are always good industrial practice.
- Other Protective Equipment:** Eye wash; Safety shower; and washing facilities should be available.

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## **SECTION IX: RCRA INFORMATION**

To the best of our knowledge, this product does not contain any California Proposition 65 designated chemicals.

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**SECTION X: TRANSPORTATION INFORMATION**

<b>D.O.T. Shipping Name:</b>	<b>Not Regulated</b>
<b>D.O.T. Hazard Class:</b>	<b>Not Regulated</b>
<b>D.O.T. Label(s):</b>	<b>None Required</b>
<b>D.O.T. UN/NA Number</b>	<b>None</b>

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The information herein is presented in good faith and believed to be correct as of the date hereof. However, R.N. Eaton & Company makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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