

Material Safety Data Sheet

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Revision Date: 9-19-97
Revised by Donald Parker
The following is true and correct to the
best of my knowledge.
Donald Parker, Compliance Officer, Golden Star Inc.

EMERGENCY NUMBER: 1-800-821-2792

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

SECTION I: PRODUCT DESCRIPTION

Product Name: PRO₂O
Product Number: CTR-2
Product Class: MOP TREATMENT

SECTION II: PRODUCT COMPOSITION

Occupation Exposure Limits

<u>Ingredient</u>	<u>Percent</u>	<u>Cas#</u>	<u>TLV(mg/CuM)</u>	<u>PEL(mg/CuM)</u>
1,2-dihydroxopropane	40%	000057-55-6	400	400

SECTION III: PHYSICAL PROPERTIES

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

SECTION IV: FIRE AND EXPLOSION DATA

Lower Flammability Limits (% in air):	2.6
Flash Point (and Method):	214°F (TCC)
Flammability Classification:	Not Rated
Recommended Extinguishing Media:	CO ₂ 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

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

SECTION VI: HEALTH INFORMATION

Effects of Overexposure:

----- Ingestion:	Very low single dose and repeated application toxicity LD ₅₀ (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

-----**Carcinogenicity:**

Chronic exposure: Product may be a skin sensitizer in some individuals.
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.

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.

Waste Disposal Procedures

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

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.

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.

SECTION IX: RCRA INFORMATION

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

SECTION X: TRANSPORTATION INFORMATION

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

The information herein is presented in good faith and believed to be correct as of the hereof. However, Golden Star 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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