

**MATERIAL SAFETY DATA SHEET**

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**Section 1**

MRO Solutions L.L.C.  
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For Chemical Emergency Only

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HMIS CODES: H F R P  
2 1 1

**I. PRODUCT IDENTIFICATION: SOLUTION 12 n HIGH STRENGTH GREEN  
PENETRATING THREADLOCKER**

**II. COMPOSITION**

INGREDIENTS	CONCENTRATION%	C.A.S.#	ACGIH TLV
Methacrylate Esters	60-97	Proprietary	---
Saccharin	0.1-1.0	81-07-2	---
Cumene Hydroperoxide*	1-3	80-15-9	---
Organic Acid	0.2-1.0	Trade Secret	---
Dyes	0.2-1.0	Trade Secret	---

\*SARA Section 313 Toxic Chemicals

**III. CHEMICAL AND PHYSICAL PROPERTIES**

Vapor Pressure: 5mmHg @ 25C      Vapor Density: Heavier than Air  
Solubility in water: N/A      Specific Gravity: 1.05  
Boiling point: >300F      Appearance: Green  
Odor: mild      pH: 4-6

**IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES**

Flashpoint (P.M.C.C.): >200F  
Recommended Extinguishing Agents: Water, foam, dry chemical or CO<sub>2</sub>  
Hazardous Products Formed by Fire or Thermal Decomposition: Toxic fumes of carbon oxides  
may evolve upon exposure to heat or open flame.  
Unusual Fire or Explosive Hazards: none  
Compressed gases: none      Solvents: none      Pressure at 23C: N/A

**V. REACTIVITY DATA**

Stability: Stable      Hazardous Polymerization: Will not occur  
Hazardous Decomposition Products: None known  
Incompatibility: Active metal ions, heat

**VI. SPILL OR LEAK PROCEDURES**

Dike area to prevent spreading. Absorb on vermiculite, sand or other inert absorbing material.  
Dispose of as a chemical waste in accordance with current local, state, and federal regulations.

**VII. STORAGE AND HANDLING PROCEDURES**

Avoid exposure to light, heat, loss of dissolved air, contamination with incompatible materials  
such as copper or iron dust or materials.  
Handling: none

**VIII. SHIPPING REGULATIONS**

DOT and IATA Hazard Classification: Unrestricted Articles  
Proper DOT Shipping Name: N/A

**IX. EMERGENCY TREATMENT**

Eye Irritation: Immediately flush eyes with water for at least 15 minutes. Get medical attention.

Skin Contact: Wash thoroughly with soap and water. Do not use organic solvents on skin.

Inhalation: Does not apply.

Ingestion: Get medical attention, low toxicity.

**X. PERSONAL PROTECTION**

Respiratory: Not normally necessary.

Skin: Avoid skin contact, wear impervious gloves and protective clothing if in direct contact with material. Disposable polyethylene gloves with vinyl latex overgloves will give protection.

Eyes: Wear safety goggles or side shield safety glasses.

**XI. HEALTH HAZARD DATA**

Hazard Categories: immediate X

delayed X

fire

Potential Routes of Entry: skin X inhalation ingestion X

Symptoms of Overexposure: Possible skin and eye irritation on contact is likely.

Exposure limits: ACGIH OSHA  
OTHER

Ingredients

Carcinogen

Target organs

Saccharin, Carcinogen

Yes

NTP IARC OSHA  
2B No

Saccharin has been shown to cause tumors in experimental animals when fed in large amounts for prolonged periods of time.

Sara Listed Ingredients: Cumene Hydroperoxide

**XII. PREPARATION INFORMATION**

PREPARED BY: PTI

*The data contained herein is based upon information that MRO Solutions L.L.C. believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.*