

Section 1

MRO Solutions L.L.C.
5645 West Howard Street
Niles, IL 60714

For Chemical Emergency Only

Telephone for Information (847) 588-2480
HMIS CODES: H F R P
2 1 1

**I. PRODUCT IDENTIFICATION: SOLUTION 10 ñ MEDIUM STRENGTH BLUE
THREADLOCKER**

II. COMPOSITION

INGREDIENTS	CONCENTRATION%	C.A.S.#	ACGIH TLV
Polyglycol Dimethacrylate	60-70	Proprietary	---
Polyglycol Oleate	20-25	Proprietary	---
Poly(Tetrafluoroethylene)	5-10	9002-84-0	---
Modified Silicon Dioxide	3-5	112945-52-5	---
Saccharin	0.1-1.0	81-07-2	---
Organic Peroxide*	1-3	80-15-9	---
Maleic Acid	0.1-1.0	110-16-7	---
N,N,Dialkyltoluidine	0.2-0.6	99-97-8	Not est.
Titanium Dioxide	0.1-0.5	13463-67-	---

*SARA Section 313 Toxic Chemical

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure:	>0.1mmHg @ 25C	Vapor Density:	Heavier than Air
Solubility in water:	N/A	Specific Gravity:	1.08
Boiling point:	>300F	Appearance:	blue
Odor:	mild	pH:	N/A

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flashpoint (T.C.C.): >200F

Recommended Extinguishing Agents: Water, foam, dry chemical or CO₂

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 material.

Handling: none

VIII. SHIPPING REGULATIONS

DOT and IATA Hazard Classification: Unrestricted Articles

Proper DOT Shipping Name: N/A

STRENGTH THREADLOCKER

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 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 pressure reactivity
 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		Target organs	Carcinogen
		NTP IARC OSHA	
Saccharin, Carcinogen	Yes	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: Organic Peroxide

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.