

IMG Chemicals Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION:

Company Contact Information
IMG Chemicals Corporation
P.O. Box 52461 Atlanta, GA 30355 USA
Telephone: +1(678) 513-69-23
Emergency Telephone Number
CHEMTREC: 800-424-9300 (24 hours)

Product Name: **Threadlocker Medium Strength Blue**
Item N^o: **MG-415**
Product Type: Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
POLYGLYCOL DIMETHACRYLIC 25852-47-5	60-70		
POLYGLYCOL OLEATE 9004-96-0	20-30		
SACCHARIN 81-07-2	1-10	10mg/m3 nuisance dust	
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10	10 mg/m3 TWA	6 mg/m3 TWA
PROPYLENE GLYCOL 57-55-6	1-10		
___-DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	1-10		
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	10 mg/m3	15 mg/m3 total dust
N,N-DIALKYTOLUIDINE 613-48-9	0.1-1.0		

3. HAZARDS IDENTIFICATION

Toxicity: Dermal toxicity greater than 5000 mg/kg. Oral toxicity greater than 10,000 mg/kg. May cause eye and skin irritation.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: Repeated skin contact may cause allergic skin reactions. Overexposure may cause eye and skin redness.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
SACCHARIN 81-07-2	1-10	Group 2		Group 3: Vol 73 1999
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10	Group 2 - Reasonably anticipated		Amorphous Silica, Group 3: Vol. 68: 1997
TITANIUM DIOXIDE 13463-67-7	0.1-1.0			Group 3

Medical Conditions Recognized as Being Aggravated by Exposure: Preexisting skin disorders.

Product Name: Threadlocker Medium Strength Blue
Item Nº: MG-415

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): More than 200 degrees F. Method: Tag Closed Cup
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating vapors. Oxides of carbon.
Unusual Fire/Explosion Hazards: None
Lower Explosive Limit: Propylene glycol: 2.6
Upper Explosive Limit: Propylene glycol: 12.5

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store below 100 degrees F.
Handling: Avoid prolonged skin contact. Keep away from eyes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Neoprene, rubber or butyl rubber gloves.
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.
Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid
Odor: MILD
Boiling Point (°F): More than 300 degrees F.
pH: Does not apply
Solubility in Water: Slight
Specific Gravity: 1.1
VOC Content(Wt.%): 13.3% by weight; 146 g/l
Vapor Pressure: Less than 5 mm Hg
Vapor Density (Air=1): Not Determined
Evaporation Rate: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: Will not occur
Incompatibilities: Strong oxidizers, free radical initiators, inert gases.
Conditions to Avoid: High temperatures.
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating vapors. Oxides of carbon.

Product Name: Threadlocker Medium Strength Blue
Item N°: MG-415

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORT INFORMATION

DOT (49CFR 172

Domestic Ground Transport

DOT Shipping Name: Unrestricted

Hazard Class: None

UN/ID Number: None

Marine Pollutant: None

IMDG

Proper Shipping: Unrestricted

Hazard Class: None

UN Number: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical
DIMETHYLBENZYL HYDROPEROXIDE

CALIFORNIA PROP 65:

This product contains Saccharin. No Prop 65 warning is necessary if this product is used as reasonably anticipated.

TSCA Inventory Status:

All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 1, REACTIVITY 1

Estimated HMIS Classification: FLAMMABILITY 1, REACTIVITY 1, HEALTH 1

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

Revision Date: 05/08/2013