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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **MEDIUM STRENGTH THREADLOCKER BLUE 36ML**
Item No: **24240**
Product Type: **Anaerobic**

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
POLYGLYCOL DIMETHACRYLATE 25852-47-5	60-80	Not listed	Not listed
POLYGLYCOL OLEATE 9004-96-0	20-40	Not listed	Not listed
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	Not listed	Not listed
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	10 mg/m^3	15 mg/m^3

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye and skin irritation. Irritates mucous membranes. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. At elevated temperatures may cause irritation of the respiratory tract. May cause skin sensitization.

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

Signs and Symptoms of Exposure: Repeated skin contact may cause allergic skin reactions. Skin redness. Ingestion may cause nausea and vomiting. Inhalation overexposure may cause irritation, coughing and flu-like symptoms. May cause pain, redness or swelling of the eyes and excessive blinking and tear production.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	male rat-negative, female rat-negative, male mice-negative, female mice-negative	A4	Group 2B; Vol 93,2006; Vol 47,1989

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

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.
Skin Contact: Wash off with soap and water. If skin irritation persists, call a physician.
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°): >200°F
Recommended Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.
Hazardous Products of Combustion: Oxides of carbon
Unusual Fire/Explosion Hazards: Closed containers may rupture or explode when exposed to extreme heat May polymerize exothermically

Lower Explosive Limit: Not determined

5. FIRE FIGHTING MEASURES

Upper Explosive Limit: Not determined

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 away from water or moisture. Protect from contamination.
Handling: Avoid prolonged skin contact. Keep away from eyes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses.
Skin: Neoprene or nitrile gloves recommended.
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
Respiratory Protection: Not required under normal use. An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid
Odor: Mild
Boiling Point: >300°F
pH: Does not apply
Solubility in Water: Insoluble
Specific Gravity: 1.00-1.15
VOC(Wt.%): <2%
Vapor Pressure: Not determined
Vapor Density (Air=1): >1
Evaporation Rate: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: May occur
Incompatabilities: Strong oxidizers, free radical initiators, inert gases, Peroxides, Reducing agents
Conditions to Avoid: Heat
Hazardous Products of Combustion: Oxides of carbon

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. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Ground Transport (DOT)

DOT Shipping Name: Not regulated
Hazard Class: None
UN/ID Number: None

IATA

Proper Shipping Name: Not regulated
Class or Division: None
UN/ID Number: None

IMDG

Proper Shipping:	Not regulated
Hazard Class:	None
UN Number:	None
Marine Pollutant:	None

15. REGULATORY INFORMATION

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

DIMETHYLBENZYL HYDROPEROXIDE

California Proposition 65: No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level

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 0.
Estimated HMIS Classification: HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0

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

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