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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** SURFACE INSENSITIVE THREADLOCKER BLUE 1 L.  
**Item No:** 24301  
**Product Type:** Anaerobic

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
POLYGLYCOL DIMETHACRYLATE 25852-47-5	60-70	Not Listed	Not Listed
POLYETHYLENE GLYCOL ESTER MIXTURE	10-20	Not Listed	Not Listed
SACCHARIN 81-07-2	<5	10mg/m <sup>3</sup> nuisance dust	Not Listed
POLYVINYL ACETATE 9003-20-7	<5	Not Listed	Not Listed
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	Not Listed	Not Listed
AROMATIC AMINE 609-72-3	<1	Not Listed	Not Listed
ALKYL TOLUIDINE 613-48-9	<1	Not Listed	Not Listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye and skin irritation. At elevated temperatures may cause irritation of the respiratory tract. Irritates mucous membranes. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. High concentrations may cause central nervous system (CNS) depression. 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. 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.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
SACCHARIN 81-07-2	<5	Delisted April 2000		Group 3: Vol 73, Page 517: 1999
POLYVINYL ACETATE 9003-20-7	<5			Group 3: Vol.19, Supp 7; 1987

**Medical Conditions Recognized as Being Aggravated by Exposure:** May aggravate preexisting dermatitis.

### 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):** More than 200 degrees C. Method: PMCC

**Recommended Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.

**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus.

**Hazardous Products of Combustion:** Irritating vapors

## **5. FIRE FIGHTING MEASURES**

**Unusual Fire/Explosion Hazards:**

Closed containers may rupture or explode when exposed to extreme heat.

**Lower Explosive Limit:**

Not determined

**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 below 100 degrees F.

**Handling:**

Avoid prolonged skin contact. Keep away from eyes.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:**

Safety glasses

**Skin:**

Rubber or plastic gloves.

**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 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:**

More than 300 degrees F.

**pH:**

Does not apply

**Solubility in Water:**

Insoluble

**Specific Gravity:**

1.08 @ 68 degrees F.

**VOC Content(Wt.%):**

Not determined

**Vapor Pressure:**

< 0.1 mm Hg @ 25°C

**Vapor Density (Air=1):**

Heavier than air

**Evaporation Rate:**

Not Determined

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:**

Stable at normal conditions

**Hazardous Polymerization:**

Will not occur.

**Incompatibilities:**

Active metal ions, heat, strong light.

**Conditions to Avoid:**

Heat.

**Hazardous Products of Combustion:**

Irritating vapors

## **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)**

### **Domestic Ground Transport**

**DOT Shipping Name:**

Unrestricted

**Hazard Class:**

None

**UN/ID Number:**

None

**Marine Pollutant:**

None

**Product name:** SURFACE INSENSITIVE  
THREADLOCKER BLUE 1 L.

**Item No:** 24301

**IATA**

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

No California Prop 65 chemicals are known to be present.

**TSCA Inventory Status:**

**Listed on Inventory:** **YES** All components of this product are listed (or exempt) on the EPA TSCA inventory.

**16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 1

**Estimated HMIS Classification:** HEALTH 2, 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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