Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: SURFACE INSENSITIVE THREADLOCKER BLUE 250ML
Item No: 24325
Product Type: Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight%</th>
<th>ACGIH; TLV-TWA</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYGLYCOL DIMETHACRYLATE 25652-47-5</td>
<td>50-70</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>TETRAETHYLENE GLYCOL HEXOATE 18268-70-7</td>
<td>10-20</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>POLYVINYL ACETATE 9003-20-7</td>
<td>&lt;5</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>POLYETHYLENE HOMOPOLYMER 9002-88-4</td>
<td>&lt;3</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL 57-55-6</td>
<td>&lt;5</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>DIMETHYLBNZYL HYDROPEROXIDE 80-15-9</td>
<td>&lt;2</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>ACRYLIC ACID 79-10-7</td>
<td>0.1-1.0</td>
<td>2 ppm</td>
<td>10 ppm; 30 mg/m³</td>
</tr>
</tbody>
</table>

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
- 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.

Signs and Symptoms of Exposure:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight%</th>
<th>NTP</th>
<th>ACGIH Carcinogens</th>
<th>IARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYVINYL ACETATE 9003-20-7</td>
<td>&lt;5</td>
<td></td>
<td></td>
<td>Group 3: Vol. 19, Supp 7; 1987</td>
</tr>
<tr>
<td>POLYETHYLENE HOMOPOLYMER 9002-88-4</td>
<td>&lt;3</td>
<td></td>
<td></td>
<td>Monograph 19, Supplement 7 (1987)</td>
</tr>
<tr>
<td>ACRYLIC ACID 79-10-7</td>
<td>0.1-1.0</td>
<td>A4</td>
<td>Not Classifiable as a Human Carcinogen</td>
<td>Group 3 Monograph 71, 1999; Supplement 7, 1987; Monograph 19, 1979</td>
</tr>
</tbody>
</table>

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. Wash contaminated clothing before re-use.

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):
Recommended Extinguishing Media:
Special Fire-Fighting Procedures:
Hazardous Products of Combustion:
Unusual Fire/Explosion Hazards:
>200°F PMCC
Carbon dioxide, Dry chemical, Foam
Firefighters should wear self-contained breathing apparatus.
Oxides of carbon
None reasonably foreseeable.
Lower Explosive Limit:
Upper Explosive Limit:
Not determined
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°F.
Avoid prolonged skin contact. Keep away from eyes. Wash thoroughly after handling.
Handling:

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:
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.-%):
<3%
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:
Will not occur
Incompatibilities:
Strong oxidizers, free radical initiators, inert gases, Peroxides
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
14. TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>Hazard Class:</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN/ID Number:</td>
<td>None</td>
</tr>
</tbody>
</table>

IATA

<table>
<thead>
<tr>
<th>Proper Shipping Name:</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class or Division:</td>
<td>None</td>
</tr>
<tr>
<td>UN/ID Number:</td>
<td>None</td>
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</tbody>
</table>

IMDG

<table>
<thead>
<tr>
<th>Proper Shipping:</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class:</td>
<td>None</td>
</tr>
<tr>
<td>UN Number:</td>
<td>None</td>
</tr>
<tr>
<td>Marine Pollutant:</td>
<td>None</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

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

DIMETHYLBBENZYL 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 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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