



# SAFETY DATA SHEET

## Medium Strength Threadlocker - Blue

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Revision: 06/25/2015

Supersedes Revision: 12/07/2009

### 1. Product and Company Identification

**Product Code:** C24210, 24250  
**Product Name:** Medium Strength Threadlocker - Blue  
**Company Name:** CYCLO INDUSTRIES, INC.  
902 SOUTH US HIGHWAY 1  
JUPITER, FL 33477  
**Phone Number:** (800)843-7813  
**Web site address:** www.cyclo.com  
**Email address:** ehs@cyclo.com  
**Emergency Contact:** First Aid Emergency (800)752-7869  
CHEMTREC (703) 527-3887 (800)424-9300  
**Information:** First Aid Emergency (Outside U.S.) (312)906-6194

### 2. Hazards Identification

Skin Corrosion/Irritation, Category 1B

Serious Eye Damage/Eye Irritation, Category 1

Specific Target Organ Toxicity (single exposure), Category 3

Specific Target Organ Toxicity (repeated exposure), Category 2

Aspiration Toxicity, Category 1

Acute Toxicity: Oral, Category 4

Acute Toxicity: Skin, Category 4

Acute Toxicity: Inhalation, Category 3

Carcinogenicity, Category 2

Organic Peroxides, Type F

Aquatic Toxicity (Acute), Category 2

Aquatic Toxicity (Chronic), Category 2

Skin Sensitization, Category 1

Germ Cell Mutagenicity, Category 1B



**GHS Signal Word:**

**Danger**

**GHS Hazard Phrases:**

H242: Heating may cause a fire.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H312: Harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H331: Toxic if inhaled.  
H335: May cause respiratory irritation.  
H340: May cause genetic defects.  
H351: Suspected of causing cancer.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H401: Toxic to aquatic life.  
H411: Toxic to aquatic life with long lasting effects.

**GHS Precaution Phrases:**

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.  
P220: Keep away from combustible materials.  
P234: Keep only in original container.



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P260: Do not breathe dust/fume/gas/mist/vapors/spray.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363: Wash contaminated clothing before reuse.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

### GHS Response Phrases:

### GHS Storage and Disposal Phrases:

P405: Store locked up.  
P410: Protect from sunlight.  
P420: Store away from other materials.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

### Potential Health Effects (Acute and Chronic):

No data available.

**Medical Conditions Generally** Preexisting skin disorders.

**Aggravated By Exposure:**

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
18268-70-7	Polyglycol dioctanoate	20.0 -30.0 %
27813-02-1	Hydroxyalkyl methacrylate	5.0 -10.0 %
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	1.0 -10.0 %
80-15-9	Cumene hydroperoxide	1.0 -2.0 %
128-44-9	Saccharin, Sodium	1.0 -5.0 %



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### 4. First Aid Measures

**Emergency and First Aid Procedures:**

If swallowed, do not induce vomiting. Rinse mouth. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of skin contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call physician immediately if adverse reaction occurs.

### 5. Fire Fighting Measures

**Flash Pt:** > 200.00 F (93.3 C)**Explosive Limits:** LEL: No data. UEL: No data.**Autoignition Pt:** No data.**Suitable Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.**Fire Fighting Instructions:** Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus. Closed containers may rupture or explode when exposed to extreme heat.**Flammable Properties and Hazards:** No data available.

No data available.

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Maintain good ventilation. Take up with inert absorbent. Store in a closed waste container until disposal.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Keep away from combustible materials. Keep only in original container. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Keep out of the reach of children.**Precautions To Be Taken in Storing:** Store locked up. Protect from sunlight. Store away from other materials.**Other Precautions:** Anaerobics sealants are not recommended for use in oxygen rich systems.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
18268-70-7	Polyglycol dioctanoate	No data.	No data.	No data.
27813-02-1	Hydroxyalkyl methacrylate	No data.	No data.	No data.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	PEL: 10 mg/m3 total dust	TLV: 10 mg/m3 total dust TLV	No data.
80-15-9	Cumene hydroperoxide	No data.	No data.	No data.
128-44-9	Saccharin, Sodium	No data.	No data.	No data.



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<b>Respiratory Equipment (Specify Type):</b>	NIOSH/MSHA approved respirator should be worn when exposures are expected to exceed the applicable limits.
<b>Eye Protection:</b>	Safety glasses
<b>Protective Gloves:</b>	Rubber or plastic gloves.
<b>Other Protective Clothing:</b>	No data available.
<b>Engineering Controls (Ventilation etc.):</b>	No data available.

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas	[ X ] Liquid	[ ] Solid
<b>Appearance and Odor:</b>	Blue liquid. Mild odor.		
<b>pH:</b>	NP		
<b>Melting Point:</b>	No data.		
<b>Boiling Point:</b>	> 300.00 F (148.9 C)		
<b>Flash Pt:</b>	> 200.00 F (93.3 C)		
<b>Evaporation Rate:</b>	NE		
<b>Flammability (solid, gas):</b>	No data available.		
<b>Explosive Limits:</b>	LEL: No data.		UEL: No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.		
<b>Vapor Density (vs. Air = 1):</b>	> 1 AIR=1		
<b>Specific Gravity (Water = 1):</b>	1.1		
<b>Solubility in Water:</b>	Insoluble		
<b>Percent Volatile:</b>	No data.		
<b>VOC / Volume:</b>	0.4114 LB/GA		
<b>Autoignition Pt:</b>	No data.		

## 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ]	Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	No data available.	
<b>Incompatibility - Materials To Avoid:</b>	Strong oxidizers, free radical initiators, inert gasses, Peroxides, Reducing agents, Oxygen scavengers.	
<b>Hazardous Decomposition or Byproducts:</b>	No data available.	
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ]	Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	Heat	



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### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
18268-70-7	Polyglycol dioctanoate	n.a.	n.a.	n.a.	n.a.
27813-02-1	Hydroxyalkyl methacrylate	n.a.	n.a.	n.a.	n.a.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	n.a.	n.a.	n.a.	n.a.
80-15-9	Cumene hydroperoxide	n.a.	n.a.	n.a.	n.a.
128-44-9	Saccharin, Sodium	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents/container in accordance with local/regional/national/international regulation.

### 14. Transport Information

**LAND TRANSPORT (US DOT):****DOT Proper Shipping Name:** Not-Restricted**DOT Hazard Class:****UN/NA Number:****LAND TRANSPORT (European ADR/RID):****ADR/RID Shipping Name:** Not-Restricted**UN Number:****Hazard Class:****MARINE TRANSPORT (IMDG/IMO):****IMDG/IMO Shipping Name:** Not-Restricted**AIR TRANSPORT (ICAO/IATA):****ICAO/IATA Shipping Name:** Not-Restricted

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
18268-70-7	Polyglycol dioctanoate	No	No	No
27813-02-1	Hydroxyalkyl methacrylate	No	No	No
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	No
80-15-9	Cumene hydroperoxide	No	Yes 10 LB	Yes
128-44-9	Saccharin, Sodium	No	No	No

**CAS # Hazardous Components (Chemical Name)****Other US EPA or State Lists**

18268-70-7	Polyglycol dioctanoate
27813-02-1	Hydroxyalkyl methacrylate

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No  
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS:



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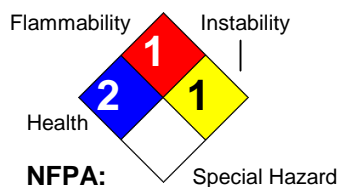
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67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
80-15-9	Cumene hydroperoxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8D TERM; CA PROP.65: No; CA TAC, Title 8: TAC; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - 0543; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: No
128-44-9	Saccharin, Sodium	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - S; SC TAP: No; WI Air: No
<b>CAS #</b>	<b>Hazardous Components (Chemical Name)</b>	<b>International Regulatory Lists</b>
18268-70-7	Polyglycol dioctanoate	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
27813-02-1	Hydroxyalkyl methacrylate	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
80-15-9	Cumene hydroperoxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
128-44-9	Saccharin, Sodium	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

## 16. Other Information

**Revision Date:** 06/25/2015

**Hazard Rating System:**



**Additional Information About This Product:** No data available.