

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** C27110, C27150
Product Name: High Strength Threadlocker - Red
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: Threadlocker
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | | |
|--------------------------|---|----------------------|---------------|
| Company Name: | CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477 USA | Phone Number: | (800)843-7813 |
| Web site address: | www.cyclo.com | | |
| Email address: | ehs@cyclo.com | | |
| Information: | First Aid Emergency (Outside U.S.) | | (312)906-6194 |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|-------------------------|---------------|
| Emergency Contact: | First Aid Emergency | (800)752-7869 |
| | CHEMTREC (703) 527-3887 | (800)424-9300 |

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- Organic Peroxides, Type F
 - Acute Toxicity: Inhalation, Category 3
 - Skin Corrosion/Irritation, Category 1B
 - Serious Eye Damage/Eye Irritation, Category 1
 - Skin Sensitization, Category 1
 - Specific Target Organ Toxicity (repeated exposure), Category 2
 - Aquatic Toxicity (Chronic), Category 2
 - Specific Target Organ Toxicity (single exposure), Category 3
 - Aspiration Toxicity, Category 1
 - Acute Toxicity: Oral, Category 4
 - Acute Toxicity: Skin, Category 4
 - Carcinogenicity, Category 2
 - Aquatic Toxicity (Acute), Category 2

2.2 Label Elements:



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.



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H351: Suspected of causing cancer.
 H373: May cause damage to organs through prolonged or repeated exposure.
 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.
 P235: Keep cool.
 P240: Ground /bond container and receiving equipment.

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.

GHS Response Phrases:

P370+378: In case of fire: Use dry sand, dry chemical or alcohol resistant foam to extinguish.
 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 Storage and Disposal Phrases:

P403+233: Store in a well-ventilated place. Keep container tightly closed.
 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.

2.3 Adverse Human Health No data available.

Effects and Symptoms:

Medical Conditions Preexisting skin disorders.

Generally Aggravated

By Exposure:

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
868-77-9	2-Hydroxyethyl methacrylate	20.0 -30.0 %	212-782-2 607-124-00-X	Skin Corr. 2: H315 Skin Sens. 1: H317 Eye Damage 2: H319
NA	Polyester Resin	20.0 -30.0 %	NA NA	No data available.
41637-38-1	Poly(oxy-1,2-ethanediyl),	5.0 -10.0 %	609-946-4	Skin Corr. 2: H315



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	.alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylen e]bis[.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]-		NA	Skin Sens. 1: H317 Eye Damage 2: H319 STOT (SE) 3: H335
128-44-9	Saccharin, Sodium	1.0 -5.0 %	204-886-1 NA	No data available.
80-15-9	Cumene hydroperoxide	1.0 -5.0 %	201-254-7 617-002-00-8	Org. Perox. E: H242 Acute Tox.(O) 4: H302 Acute Tox.(D) 4: H312 Skin Corr. 1B: H314 Acute Tox.(I) 3: H331 STOT (RE) 2: H373 Aquatic (C) 2: H411

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** 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.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.
- 5.2 Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** Oxides of carbon
- Flash Pt:** > 200.00 C (392.0 F) Method Used: Pensky-Marten Closed Cup
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** Wear a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires. Sealed containers may rupture explosively if exposed to heat.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** No data available.
- 6.3 Methods and Material For Containment and Cleaning Up:** Take up with inert absorbent. Maintain good ventilation. Store in a closed waste container until disposal.



Section 7. Handling and Storage

- 7.1 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. Keep cool. Ground /bond container and receiving equipment. 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.
- 7.2 Precautions To Be Taken in Storing:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store away from other materials.
- Other Precautions:** Anaerobics sealants are not recommended for use in oxygen rich systems.

Section 8. Exposure Controls/Personal Protection

- 8.1 Exposure Parameters:**
- 8.2 Exposure Controls:**
- 8.2.1 Engineering Controls (Ventilation etc.):** No data available.
- 8.2.2 Personal protection equipment:**
- Eye Protection:** Safety glasses
- Protective Gloves:** Rubber or plastic gloves.
- Other Protective Clothing:** No data available.
- Respiratory Equipment (Specify Type):** Local exhaust ventilation as necessary to control any air contaminants within their exposure limits. Wear a NIOSH/MSHA approved respirator when exposure are expected to exceed the applicable limits.
- No data available.

Section 9. Physical and Chemical Properties

- 9.1 Information on Basic Physical and Chemical Properties**
- Physical States:** [] Gas [X] Liquid [] Solid
- Appearance and Odor:** Red liquid. Mild odor.
- pH:** NP
- Melting Point:** No data.
- Boiling Point:** > 150.00 C (302.0 F)
- Flash Pt:** > 200.00 C (392.0 F) Method Used: Pensky-Marten Closed Cup
- Evaporation Rate:** NE
- Flammability (solid, gas):** No data available.
- Explosive Limits:** LEL: No data. UEL: No data.
- Vapor Pressure (vs. Air or mm Hg):** NE
- Vapor Density (vs. Air = 1):** > 1 AIR=1



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Specific Gravity (Water = 1): No data.
Solubility in Water: Insoluble
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: No data.

9.2 Other Information

Percent Volatile: No data.
VOC / Volume: 0.1340 LB/GA

Section 10. Stability and Reactivity

10.1 Reactivity: No data available.
10.2 Stability: Unstable [] Stable [X]
10.3 Conditions To Avoid - Hazardous Reactions: Heat
Possibility of Hazardous Reactions: Will occur [X] Will not occur []
10.4 Conditions To Avoid - Instability: No data available.
10.5 Incompatibility - Materials To Avoid: Strong oxidizers, free radical initiators, inert gasses, Peroxides, Reducing agents, Oxygen scavengers.
10.6 Hazardous Decomposition or Byproducts: Oxides of carbon

Section 11. Toxicological Information

11.1 Information on Toxicological Effects: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
868-77-9	2-Hydroxyethyl methacrylate	n.a.	n.a.	n.a.	n.a.
NA	Polyester Resin	n.a.	n.a.	n.a.	n.a.
41637-38-1	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylene]bis[o mega.-[(2-methyl-1-oxo-2-propenyl)oxy]-	n.a.	n.a.	n.a.	n.a.
128-44-9	Saccharin, Sodium	n.a.	n.a.	n.a.	n.a.
80-15-9	Cumene hydroperoxide	n.a.	n.a.	n.a.	n.a.

Section 12. Ecological Information

12.1 Toxicity: No data available.
12.2 Persistence and Degradability: No data available.
12.3 Bioaccumulative Potential: No data available.
12.4 Mobility in Soil: No data available.
12.5 Results of PBT and vPvB assessment: No data available.



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12.6 Other adverse effects: No data available.

Section 13. Disposal Considerations

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

Section 14. Transport Information

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not-Regulated

UN Number:

Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Regulated

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not-Regulated

Section 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)
868-77-9	2-Hydroxyethyl methacrylate	No	No	No
NA	Polyester Resin	No	No	No
41637-38-1	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenyl ene]bis[.omega.-[(2-methyl-1-oxo-2-propenyl)oxy] -	No	No	No
128-44-9	Saccharin, Sodium	No	No	No
80-15-9	Cumene hydroperoxide	No	Yes 10 LB	Yes

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

868-77-9	2-Hydroxyethyl 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
NA	Polyester Resin	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; 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
41637-38-1	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenyl ene]bis[.omega.-[(2-methyl-1-oxo-2-propenyl)oxy] -	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
128-44-9	Saccharin, Sodium	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; 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
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



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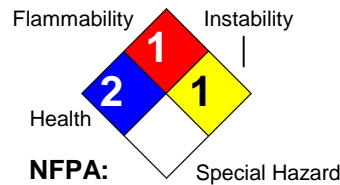
TAP: No; WI Air: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
868-77-9	2-Hydroxyethyl methacrylate	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
NA	Polyester Resin	Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No
41637-38-1	Poly(oxy-1,2-ethanediy), .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenyl ene]bis[.omega.-[(2-methyl-1-oxo-2-propenyl)oxy] -	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
128-44-9	Saccharin, Sodium	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
80-15-9	Cumene hydroperoxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Section 16. Other Information

Revision Date: 09/27/2017

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

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