

1. Product and Company Identification

Product Code: C29010;C29050
Product Name: Penetrating Grade Threadlocker - Green
Company Name: CYCLO INDUSTRIES, INC. **Phone Number:**
902 SOUTH US HIGHWAY 1 (800)843-7813
JUPITER, FL 33477
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

Organic Peroxides, Type F

Acute Toxicity: Inhalation, Category 3

Acute Toxicity: Oral, Category 4

Acute Toxicity: Skin, Category 4

Skin Corrosion/Irritation, Category 1B

Serious Eye Damage/Eye Irritation, Category 1

Skin Sensitization, Category 1

Germ Cell Mutagenicity, Category 1B

Carcinogenicity, Category 2

Specific Target Organ Toxicity (single exposure), Category 3

Specific Target Organ Toxicity (repeated exposure), Category 2

Aspiration Toxicity, Category 1

Aquatic Toxicity (Acute), Category 2

Aquatic Toxicity (Chronic), Category 2



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 Aggravated By Exposure:

Preexisting skin disorders.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
25852-47-5	Polyglycol dimethacrylate	55.0 -75.0 %
80-15-9	Cumene hydroperoxide	< 3.0 %
81-07-2	Saccharin	< 3.0 %
110-16-7	Maleic acid	< 1.0 %
27813-02-1	Hydroxyalkyl methacrylate	<20.0 %
107-21-1	Ethylene glycol	< 1.0 %



4. First Aid Measures

Emergency and First Aid Procedures: If swallowed, do not induce vomiting. Keep individual calm. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Wash skin with soap and water. Remove contaminated clothing. 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: NE Method Used: Not Applicable
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
Suitable Extinguishing Media: Dry chemical, foam or CO2.
Fire Fighting Instructions: Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus.
Flammable Properties and Hazards: No data available.
Hazardous Combustion Products: Oxides of carbon

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
25852-47-5	Polyglycol dimethacrylate	No data.	No data.	No data.
80-15-9	Cumene hydroperoxide	No data.	No data.	No data.
81-07-2	Saccharin	No data.	TLV: 10 mg/m3	No data.
110-16-7	Maleic acid	No data.	No data.	No data.
27813-02-1	Hydroxyalkyl methacrylate	No data.	No data.	No data.
107-21-1	Ethylene glycol	No data.	CEIL: 100 mg/m3 (H)	No data.



SAFETY DATA SHEET

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Respiratory Equipment (Specify Type):	NIOSH/MSHA approved respirator when exposure is expected to exceed applicable limits.
Eye Protection:	Safety glasses
Protective Gloves:	Neoprene gloves
Other Protective Clothing:	No data available.
Engineering Controls (Ventilation etc.):	No data available.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Green liquid. Mild odor.
pH:	NP
Melting Point:	No data.
Boiling Point:	> 200.00 F (93.3 C)
Flash Pt:	NE Method Used: Not Applicable
Evaporation Rate:	NE
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	< 5mmHg
Vapor Density (vs. Air = 1):	> air
Specific Gravity (Water = 1):	1.05-1.15
Solubility in Water:	Insoluble
Percent Volatile:	No data.
VOC / Volume:	0.0000 LB/GA
Autoignition Pt:	No data.

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Heat.
Incompatibility - Materials To Avoid:	Strong oxidizers
Hazardous Decomposition or Byproducts:	No data available.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.



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11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25852-47-5	Polyglycol dimethacrylate	n.a.	n.a.	n.a.	n.a.
80-15-9	Cumene hydroperoxide	n.a.	n.a.	n.a.	n.a.
81-07-2	Saccharin	n.a.	3	n.a.	n.a.
110-16-7	Maleic acid	n.a.	n.a.	n.a.	n.a.
27813-02-1	Hydroxyalkyl methacrylate	n.a.	n.a.	n.a.	n.a.
107-21-1	Ethylene glycol	n.a.	n.a.	A4	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)
25852-47-5	Polyglycol dimethacrylate	No	No	No
80-15-9	Cumene hydroperoxide	No	Yes 10 LB	Yes
81-07-2	Saccharin	No	No	Yes
110-16-7	Maleic acid	No	Yes 5000 LB	No
27813-02-1	Hydroxyalkyl methacrylate	No	No	No
107-21-1	Ethylene glycol	No	Yes 5000 LB	Yes

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

25852-47-5	Polyglycol dimethacrylate	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
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;



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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

81-07-2 Saccharin

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - 1641; NY Part 597: Yes; PA HSL: Yes - B; SC TAP: No; WI Air: No

110-16-7 Maleic acid

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - 1151; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: No

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

107-21-1 Ethylene glycol

CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 0878; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes

CAS # Hazardous Components (Chemical Name)

25852-47-5 Polyglycol dimethacrylate

80-15-9 Cumene hydroperoxide

81-07-2 Saccharin

110-16-7 Maleic acid

27813-02-1 Hydroxyalkyl methacrylate

107-21-1 Ethylene glycol

International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

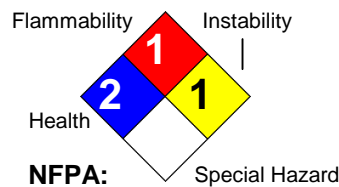
Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 07/23/2015

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or Disclaimer:

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