

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:** C62050
Product Name: Extreme Temp Retaining Compound
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | |
|--------------------------|---|---------------------------------------|
| 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 | |
| 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:**
- Specific Target Organ Toxicity (single exposure), Category 3
 - 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
 - Specific Target Organ Toxicity (repeated exposure), Category 2
 - Aquatic Toxicity (Acute), Category 2
 - Aquatic Toxicity (Chronic), Category 2
 - Germ Cell Mutagenicity, Category 1B
 - Aspiration Toxicity, Category 1
 - Carcinogenicity, 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.



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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.
 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:

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:

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:

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
NA	Ethoxylated Dimethacrylate	60.0 -70.0 %	NA NA	No data available.
27813-02-1	Hydroxyalkyl methacrylate	10.0 -20.0 %	248-666-3 NA	Skin Sens. 1: H317 Eye Damage 2A: H319
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



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79-10-7	Acrylic acid	<=1.0 %	201-177-9	Aquatic (C) 2: H411
			607-061-00-8	Flam. Liq. 3: H226
				Acute Tox.(O) 4: H302
				Acute Tox.(D) 4: H312
				Skin Corr. 1A: H314
				Acute Tox.(I) 4: H332
				Aquatic (A) 1: H400
110-16-7	Maleic acid	<=1.0 %	203-742-5	Acute Tox.(O) 4: H302
			607-095-00-3	Skin Corr. 2: H315
				Skin Sens. 1: H317
				Eye Damage 2A: H319
				STOT (SE) 3: H335 H336

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:** Foam, dry chemical or carbon dioxide.
- 5.2 Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** Oxides of carbon, oxides of sulfur, oxides of nitrogen, toxic fumes, irritating organic vapors.
- Flash Pt:** > 200.00 F (93.3 C) Method Used: TAG Closed Cup
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** No data available.

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:** Prevent from entering drains or open waters. Ensure adequate ventilation. Soak up with inert absorbent. Store in a partially filled, closed container until disposal.



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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. 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 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:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
NA	Ethoxylated Dimethacrylate	No data.	No data.	No data.
27813-02-1	Hydroxyalkyl methacrylate	No data.	No data.	No data.
80-15-9	Cumene hydroperoxide	No data.	No data.	No data.
79-10-7	Acrylic acid	No data.	TWA: 6 mg/m ³ (2 ppm) STEL: 30 mg/m ³ (10 ppm)	No data.
110-16-7	Maleic acid	No data.	No data.	No data.
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Ethoxylated Dimethacrylate	No data.	No data.	No data.
27813-02-1	Hydroxyalkyl methacrylate	No data.	No data.	No data.
80-15-9	Cumene hydroperoxide	No data.	No data.	No data.
79-10-7	Acrylic acid	No data.	TLV: 2 ppm	No data.
110-16-7	Maleic acid	No data.	No data.	No data.

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): No data available.

8.2.2 Personal protection equipment:

Eye Protection: Safety goggles or safety glasses with side shields.

Protective Gloves: Impermeable gloves.

Other Protective Clothing: Protective clothing as necessary to prevent skin contact.

Respiratory Equipment (Specify Type):

NIOSH/MSHA approved respirator when exposure is expected to exceed 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: Green liquid. Mild odor.
pH: NP
Melting Point: NA
Boiling Point: > 300.00 F (148.9 C)
Flash Pt: > 200.00 F (93.3 C) Method Used: TAG Closed Cup
Evaporation Rate: NP
Flammability (solid, gas): No data available.
Explosive Limits: LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg): < 5mmHg@27C
Vapor Density (vs. Air = 1): NA
Specific Gravity (Water = 1): No data.
Solubility in Water: Slight
Autoignition Pt: No data.

9.2 Other Information

Percent Volatile: No data.
VOC / Volume: 0.7590 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: No data available.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
10.4 Conditions To Avoid - Instability: No data available.
10.5 Incompatibility - Materials To Avoid: Strong oxidizers.
10.6 Hazardous Decomposition or Byproducts: Oxides of carbon, oxides of sulfur, oxides of nitrogen, toxic fumes, irritating organic vapors.



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Section 11. Toxicological Information

11.1 Information on Toxicological Effects: Contains chemicals known to the state of CA to cause cancer, birth defects or other reproductive harm (Prop 65).

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
NA	Ethoxylated Dimethacrylate	n.a.	n.a.	n.a.	n.a.
27813-02-1	Hydroxyalkyl methacrylate	n.a.	n.a.	n.a.	n.a.
80-15-9	Cumene hydroperoxide	n.a.	n.a.	n.a.	n.a.
79-10-7	Acrylic acid	n.a.	3	A4	n.a.
110-16-7	Maleic acid	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.

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-Restricted
UN Number:
Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):
IMDG/IMO Shipping Name: Not-Restricted

14.3 AIR TRANSPORT (ICAO/IATA):
ICAO/IATA Shipping Name: Not-Restricted

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)
NA	Ethoxylated Dimethacrylate	No	No	No
27813-02-1	Hydroxyalkyl methacrylate	No	No	No
80-15-9	Cumene hydroperoxide	No	Yes 10 LB	Yes
79-10-7	Acrylic acid	No	Yes 5000 LB	Yes
110-16-7	Maleic acid	No	Yes 5000 LB	No



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CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
NA	Ethoxylated Dimethacrylate	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
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
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
79-10-7	Acrylic acid	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: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 0023; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
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

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
NA	Ethoxylated Dimethacrylate	Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No
27813-02-1	Hydroxyalkyl methacrylate	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
80-15-9	Cumene hydroperoxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
79-10-7	Acrylic acid	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
110-16-7	Maleic acid	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

European Community Hazard Symbol codes:

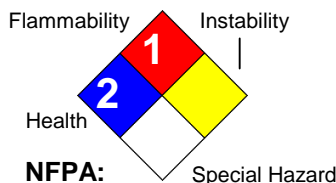
European Community Risk and Safety Phrases:

No data available.

Section 16. Other Information

Revision Date: 06/24/2015

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

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