



# CYCLO<sup>®</sup> INDUSTRIES, LLC

## MATERIAL SAFETY DATA SHEET

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If Cyclo Industries, LLC considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals.

### SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Cyclo<sup>®</sup> Red Threadlocker, Stock Nos. C-925 and C-926

**Product Use:** Locks, fastens and seals threads. Prevents loosening due to vibration.

**Manufactured by:** Cyclo Industries, LLC  
10190 Riverside Drive, Palm Beach Gardens, Florida 33410-4881  
Telephone: (561) 775-9600

**First Aid Emergency:** (800) 752-7869 or (312) 906-6194

**Shipping Emergency:** (800) 424-9300 or (703) 527-3887 (CHEMTREC)

### SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

CAS Reg. No.	Material	Percentage	Exposure Limits
25852-47-5	Dimethacrylate ester	65 - 75	N/A
39382-25-7	Bisphenol A fumarate resin	20 - 30	N/A
81-07-2	Saccharin	1 - 3	N/A
9002-88-4	Polyethylene	1 - 3	N/A
112945-52-5	Amorphous silica	0.1 - 1.0	10 mg/m <sup>3</sup> TWA = ACGIH (TLV) 6 mg/m <sup>3</sup> TWA = OSHA (PEL) 3 mg/m <sup>3</sup> TWA resp. dust
80-15-9	Cumene Hydroperoxide	1 - 3	N/A
Proprietary	Organic acid	0.1 - 1.0	N/A
Proprietary	Dyes	0.03 - 0.10	N/A

**SECTION 3 – HAZARDS IDENTIFICATION**

**Effects of Overexposure:**

Skin Contact: May cause dermatitis on prolonged contact in sensitive individuals

Eye Contact: Mild eye irritant

**Carcinogenicity:** NTP Carcinogen = No; IARC Monographs = No; OSHA Regulated = No

**Medical Conditions Generally Aggravated by Exposure:** None known

**SECTION 4 – FIRST AID MEASURES**

**First Aid Procedures:**

Ingestion: Do NOT induce vomiting. Keep individual calm. Obtain medical attention.

Skin Contact: Wash affected area with soap and water.

Inhalation: Does not apply.

Eye Contact: Flush with warm water. Seek competent medical attention.

**SECTION 5 – FIRE FIGHTING MEASURES**

**Flash Point:** 150°F (66°C)

**Method Used:** TCC

**Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

**NFPA Code**            Health = 1            Fire = 1            Reactivity = 1

**HMIS Code:**        Health = 1            Fire = 1            Reactivity = 1

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Spill/Leak Procedures:** Soak up with inert absorbent. Store in a partly filled, closed container for disposal.

**SECTION 7 – HANDLING AND STORAGE**

**Handling Procedures:** Avoid contact with skin and eyes. See product label for additional information.  
KEEP OUT OF THE REACH OF CHILDREN.

**Storage Procedures:** Do not store above 100°F (38°C).

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory Protection:** Not applicable.                      **Ventilation:** Does not apply.

**Protective Gloves:** Rubber, polyethylene or neoprene gloves.

**Eye Protection:** Safety glasses or goggles with side shields are recommended.

**Work/Hygienic Practices:** Eye washes and safety showers in the workplace are recommended.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point:** >300°F            (>149°C)            **Specific Gravity:** 1.04

**Vapor Pressure:** < 5mmHg @ 20°C            **Vapor Density (Air=1):** Approximately 3

**Solubility in Water:** Negligible

**Evaporation Rate (Butyl Acetate = 1):** Not applicable

**Appearance and Odor:** Red liquid with mild odor

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibility (materials to avoid):** None

**Hazardous Decomposition or Byproducts:** Irritating organic vapors

**Hazardous Polymerization:** Will not occur

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

**SECTION 12 – ECOLOGICAL INFORMATION**

**Aquatic/Terrestrial Toxicity Environmental Fate** No data is available at this time.

<b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>
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**Waste Disposal Method:** Dispose of in accordance with local, state and federal regulations. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

<b>SECTION 14 – TRANSPORT INFORMATION</b>
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**U.S. DOT**

<b>Shipping Description:</b>	Non-hazardous
<b>ID Number:</b>	Not applicable
<b>Hazard Class:</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Label:</b>	Not applicable
<b>Placards:</b>	Not applicable

**IMDG**

<b>Shipping Description:</b>	Non-hazardous
<b>ID Number:</b>	Not applicable
<b>Hazard Class:</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Label:</b>	Not applicable
<b>Markings:</b>	Not applicable
<b>Placards:</b>	Not applicable

<b>SECTION 15 – REGULATORY INFORMATION</b>
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**TSCA Inventory:** All components of this product are listed on the Toxic Substance Control Act (TSCA) Inventory of chemical substances maintained by the U.S. Environmental Protection Agency.

**SARA Extremely Hazardous Substances** None

**SARA Section 313** This product contains the following toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (SARA 313 – Toxic Chemical Release Reporting)

<u>Chemical Name</u>	<u>CAS#</u>	<u>Weight %</u>
Cumene hydroperoxide	80-15-9	1 – 3%

**CERCLA/Superfund (RQ):** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**California Proposition 65:** This product contains saccharin. Proper usage necessitates no Proposition 65 warning.

**SECTION 16 – OTHER INFORMATION**

**Document Date:** January 8, 2004

**Supersedes:** NEW

**Revisions:** Not applicable

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