

# CYCLO<sup>®</sup> INDUSTRIES, LLC

## MATERIAL SAFETY DATA SHEET

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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 IDENTIFICATION

Product Name: C-1 & C-5 Cyclo<sup>®</sup> Carb Clean<sup>®</sup> Common Code #: B-4668

Hazardous Material Description: DOT = Consumer Commodity ORM-D  
IMDG = Aerosols, 2, UN1950, Ltd. Qty.

HMIS Code: HEALTH = 2 FLAMMABILITY = 3 REACTIVITY = 0

### SECTION 2 — PHYSICAL DATA

Boiling Point: Not determined Specific Gravity: 0.8264 gms/ml (Concentrate)

Vapor Pressure: Not determined Vapor Density: Not determined

Percent Volatile By Volume (%): 100 Percent Solids By Weight (%): 0

Solubility in Water: Slightly soluble pH: Not applicable

Evaporation Rate (Butyl Acetate = 1): Not determined

Appearance and Odor: Colorless liquid with solvent odor; pressurized.

Volatile Organic Compound (VOC) (as packaged minus water): <75%

<b>SECTION 3 — HAZARDOUS INGREDIENTS</b>
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<u>CAS Reg. No.</u>	<u>Material</u>	<u>Percentage</u>	<u>TLV (Units)</u>
1330-20-7	Mixed Xylenes (Limited paraxylene content)	40 - 50	100 ppm TWA (435 mg/m <sup>3</sup> ) 150 ppm STEL (655 mg/m <sup>3</sup> )
67-64-1	2-Propanone	25 - 35	750 ppm TLV (1780 mg/m <sup>3</sup> ) 1000 ppm STEL (2380 mg/m <sup>3</sup> ) ACGIH 750 ppm PEL (1800 mg/m <sup>3</sup> ) 1000 ppm STEL (2400 mg/m <sup>3</sup> ) OSHA 250 ppm TWA (590 mg/m <sup>3</sup> ) NIOSH
74-98-6	Propane	8	1000 ppm
67-63-0	Isopropanol	5 - 15	400 ppm TWA (980 mg/m <sup>3</sup> ) 500 ppm STEL (1225 mg/m <sup>3</sup> )
78-93-3	Methyl Ethyl Ketone	1 - 10	200 ppm TWA OSHA PEL 300 ppm STEL ACGIH TLV
111-76-2	Butoxyethanol	0 - 5	25 ppm (skin)

<b>SECTION 4 — FIRE AND EXPLOSION HAZARD DATA</b>
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Flash Point: &lt;-20°F

Method Used: T.C.C.

Extinguishing Media: Chemical, foam, carbon dioxide.

Special Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purposes.

Unusual Fire and Explosion Hazards: Prolonged exposure to temperatures above 130°F may cause cans to burst.

<b>SECTION 5 — HEALTH HAZARD DATA</b>
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Effects of Overexposure:

Ingestion: Harmful or fatal.  
 Inhalation: May cause breathing difficulties.  
 Skin Contact: May cause irritation.  
 Eye Contact: May cause irritation.

First Aid Procedures:

Ingestion: DO NOT induce vomiting. Contact a physician immediately  
 Skin Contact: Wash with soap and water.  
 Inhalation: Remove to fresh air. Administer oxygen if needed.  
 Eye Contact: Flush with plenty of water for at least 15 minutes. Contact a physician if irritation persists.

**SECTION 6 — REACTIVITY DATA**

Stability: Stable

Conditions to Avoid: Temperatures above 130°F.

Incompatibility (materials to avoid): None known

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur.

**SECTION 7 — SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Not normally required.

Ventilation:

Local Exhaust Rate: Recommended

Special: None

Mechanical (General): Acceptable

Protective Gloves: Rubber gloves.

Eye Protection: Safety glasses

Other Protective Equipment: None

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

**SECTION 8 — SPILL OR LEAK PROCEDURES**

Steps To Be Taken In Case Material Is Released or Spilled: Pick up excess with absorbent material and discard in accordance with regulations. Flush surfaces with IPA and then rinse with soap and water.

Waste Disposal Method: Waste must be disposed of according to local, state and federal regulations. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

CERCLA (Superfund) Reportable Quantity (in lb.): Not determined

RCRA Hazardous Waste No. (40 CFR 261.33): Not determined

**SECTION 9 — SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling and Storage: Contents under pressure. Do not store below 32°F or above 130°F. Do not puncture or incinerate containers. Do not use or store near heat, sparks or open flame. See product label for additional information.

Other precautions: Keep this and all chemicals out of the reach of children. Recommend use with ventilation.

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