

CYCLO[®] 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-65 Cyclo[®] Glass Clean[™]

Common Code #: B-5868

Hazardous Material Description: Non-Hazardous Consumer Product

NFPA Codes: HEALTH = 1

FLAMMABILITY = 1

REACTIVITY = 0

SECTION 2 - PHYSICAL DATA

Boiling Point: Not determined

Specific Gravity (H₂O=1): 0.99 g/mL

Vapor Pressure (mm Hg) @ 20°C: Not determined

Vapor Density (AIR=1): Not determined

Percent Volatile By Volume (%): Not determined

Solubility in Water: Soluble

pH: Approximately 9.0

Percent Solids by Weight (%): Not determined

Evaporation Rate (Butyl Acetate = 1): Not determined

Appearance and Odor: Liquid with odor characteristic of perfume.

Volatile Organic Compound (VOC) (as packaged minus water): <6%

SECTION 3 - HAZARDOUS INGREDIENTS

CAS Reg. #	Material	Percentage	Exposure Limits
111-76-2	Ethylene Glycol N-butyl ether	0 – 5	20 ppm, skin / ACGIH TLV 25 ppm, skin / OSHA PEL
67-63-0	Isopropyl alcohol	< 5	400 ppm (980 mg/m ³) / OSHA TWA 500 ppm (1225 mg/m ³) / OSHA STEL 400 ppm (983 mg/m ³) / ACGIH TWA 500 ppm (1230 mg/m ³) / ACGIH STEL
9036-19-5	Octylphenoxypolyethoxyethanol nonionic surfactant	<1	None established
7320-34-5	Tetrapotassium pyrophosphate	<1	LD50 = 2980mg/kg (ingestion rat)
Not established	Copper compounds	<0.01	None known

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not applicable

Method Used: Not applicable

Extinguishing Media: Foam (alcohol resistant foam (ATC Type) if available), dry chemical

Flammable Limits In Air % By Volume at: Not determined

Special Fire Fighting Procedures: None known

Unusual Fire and Explosion Hazards: None known

SECTION 5 - HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion: Possible nausea and vomiting

Inhalation: None known

Skin Contact: None known

Eye Contact: Mild irritation

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

First Aid Procedures:

Ingestion: Contact physician for assistance

Skin Contact: Wash with soap and water

Inhalation: Remove to fresh air if necessary

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: None known

Incompatibility (materials to avoid): Metals such as: zinc, magnesium, aluminum and galvanized metals.
Avoid contact with oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

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 required

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 water.

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.

SECTION 9 - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Keep this and all chemicals out of the reach of children.

SECTION 10 – REGULATORY INFORMATION
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Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal or greater than the reportable quantities (RQ's) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are:

<u>CHEMICAL</u>	<u>CAS #</u>	<u>UPPER BOUND CONCENTRATION %</u>
Glycol Ethers	None	5.40
Dioxane	123-91-1	0.00110
Ethylene Oxide	75-21-8	0.00020

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). Components present in this product at a level which could require reporting under the statute are:

<u>CHEMICAL</u>	<u>CAS #</u>	<u>UPPER BOUND CONCENTRATION %</u>
Glycol Ether	None	5.4
Isopropyl Alcohol	67-63-0	1.85
Copper	7440-50-8	0.0017

Date entered: 7/25/00

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