



CYCLO[®] 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 I – PRODUCT & COMPANY IDENTIFICATION

Product Name: Cyclo[®] Glass Clean[™], Stock No. C-31

Product Use: Cleans windshields, dashboards, mirrors, glass & plastic windows, plastic, chrome, vinyl, stainless steel, tile, porcelain, fiberglass and Plexiglas. Shines chrome, tile, porcelain and more. Streakproof. Does not contain ammonia.

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
67-63-0	2-Propanol	3 – 5	400 ppm = OSHA-TWA 500 ppm = OSHA-STEL 400 ppm = ACGIH-TWA 500 ppm = ACGIH- STEL
111-76-2	Ethylene glycol butyl ether	3 – 5	25 ppm = OSHA-PEL, skin 25 ppm = ACGIH-TLV, skin
75-28-5	Isobutane	5 – 10	1000 ppm
7732-18-5	Water	85 – 90	None

SECTION 3 – HAZARDS IDENTIFICATION**Effects of Overexposure:**

- Ingestion: Nausea and vomiting
- Inhalation: Inhalation of vapor may produce anesthetic effects and feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness and death from asphyxiation, depending on concentration and time of exposure.
- Skin Contact: Prolonged or repeated contact may irritate and cause dermatitis.
- Eye Contact: May cause moderate corneal injury in some individuals

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

SECTION 4 – FIRST AID MEASURES**First Aid Procedures:**

- Ingestion: DO NOT induce vomiting. Contact a physician immediately.
- 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 5 – FIRE FIGHTING MEASURES

Flash Point: <-20°F (<-29°C) **Method Used:** TCC

Flammable Limits in Air by Volume: Not determined

Extinguishing Media: Water, foam, carbon dioxide

Special Fire Fighting Procedures: None known

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: Pick up excess with absorbent material and discard in accordance with regulations. Flush surfaces with water.

SECTION 7 – HANDLING AND STORAGE

Handling & Storage Procedures: 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. KEEP OUT OF THE REACH OF CHILDREN.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Not normally required

Ventilation: Local Exhaust Rate – Recommended
Special – None
Mechanical (General) - Acceptable

Protective Gloves: Rubber gloves

Eye Protection: Safety glasses are recommended.

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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not determined

Specific Gravity (H₂O=1): 0.980 g/ml

Solubility in Water: Soluble

pH: 10.3 – 11.05

Percent Solids by Weight: 0.10 – 0.16

Evaporation Rate (Butyl Acetate = 1): Not determined

Appearance and Odor: Clear liquid, odor characteristic of perfume

Volatile Organic Compound (VOC) (as packaged minus water): <12%

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Temperatures above 130°F.

Incompatibility (materials to avoid): Caustics, amines, alkanolamines, aldehydes, strong oxidizing agents and chlorinated compounds.

Hazardous Decomposition or Byproducts: None known

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological Data: 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
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Aquatic/Terrestrial Toxicity Environmental Fate No data is available at this time.

SECTION 13 – DISPOSAL CONSIDERATIONS

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 14 – TRANSPORT INFORMATION

U.S. DOT

Shipping Description: Aerosol, Consumer Commodity
ID Number: Not applicable
Hazard Class: ORM-D
Packing Group: Not applicable
Label: Not applicable
Placards: Not applicable

IMDG

Shipping Description: Aerosol, Limited Quantity
ID Number: UN1950
Hazard Class: 2
Packing Group: Not applicable
Label: Not applicable
Markings: Not applicable
Placards: Not applicable

SECTION 15 – REGULATORY INFORMATION
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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>
Glycol Ethers	111-76-2	3 - 5

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

SECTION 15 – REGULATORY INFORMATION (continued)

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

SECTION 16 – OTHER INFORMATION

Document Date: 12/16/04

Supersedes: 6/20/2000

Revisions: Section 3 – Removed Sodium n-Coco-amino propionate and Tetrasodium pyrophosphate. Added Sections 11, 12 & 15.

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