

**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:

Waste must be disposed of according to local, state and federal regulations.

**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.

Other precautions: Keep this and all chemicals out of the reach of children.

Date entered: 7/9/97

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**CYCLO® INDUSTRIES, LLC  
MATERIAL SAFETY DATA SHEET**

10190 Riverside Drive, Palm Beach Gardens, Florida 33410-4881  
Phone: (561) 775-9600

First Aid Emergency: (800) 752-7869 Ext. 10 (USA only)  
Outside USA call collect 1 (312) 942-5969 Ext. 10  
Shipping Emergency: (800) 424-9300

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-31 Cyclo® Glass Clean      Common Code #: 901707

Hazardous Material Description: DOT = Consumer Commodity ORM-D, Freight Class 55  
IMDG = Aerosols, Limited Quantity, Class 2, UN1950

HMS Code: HEALTH = 1      FLAMMABILITY = 0      REACTIVITY = 0

**SECTION 2 — PHYSICAL DATA**

Boiling Point: 180°F      Specific Gravity: 0.99 gm/ml

Vapor Pressure @ 20°C: 17.48      Vapor Density (Air=1): 1.1

Percent Volatile By Volume (%): 99.86      pH: 10.7

Solubility in Water: Soluble      Percent Solids By Weight (%): <1

Evaporation Rate (Butyl Acetate = 1): Not determined

**SECTION 2 — PHYSICAL DATA — continued**

Appearance and Odor: Liquid mixture characteristic of perfume.

Volatile Organic Compound (VOC) (as packaged minus water): 14%

**SECTION 3 — HAZARDOUS INGREDIENTS**

CAS Reg No.	Material	Percentage	TLV (Units)
84812-94-2	N-Coco-Beta-Amino propionic Acid	0 - 2	Not established
67-63-0	2-Propanol	0 - 5	400 ppm (980 mg/m <sup>3</sup> ) OSHA TWA 500 ppm (1225 mg/m <sup>3</sup> ) OSHA STEL 400 ppm (983 mg/m <sup>3</sup> ) ACGIH TWA 500 ppm (1230 mg/m <sup>3</sup> ) ACGIH STEL
75-28-5	Isobutane	5 - 10	1000 ppm
111-76-2	Ethylene Glycol N-Butyl Ether	0 - 5	25 ppm, skin OSHA PEL & ACGIH TLV
7722-88-5	Tetra sodium Pyrophosphate	0 - 1	LD50 4.0 g/kg (rat)

**SECTION 4 — FIRE AND EXPLOSION HAZARD DATA**

Flash Point: -20°F

Method Used: TCC

Flammable Limits: 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 5 — HEALTH HAZARD DATA**

Effects of Overexposure:

Ingestion: Nausea and vomiting.

Inhalation: None known.

Skin Contact: None known.

Eye Contact: Mild irritation.

First Aid Procedures:

Ingestion: Induce vomiting and contact physician if necessary.

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: 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