

# 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-31 Cyclo<sup>®</sup> Glass Clean<sup>™</sup>

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

HMIS Code: HEALTH = 1 FLAMMABILITY = 3 REACTIVITY = 0

### SECTION 2 — PHYSICAL DATA

Boiling Point: 210°F (99°C) Specific Gravity: 1.0 gm/ml

Vapor Pressure @ 20EC: Not available Vapor Density (Air=1): Not available

Percent Volatile By Volume (%): 99.9 pH: 10.6

Solubility in Water: Soluble Percent Solids By Weight (%): Not available

Evaporation Rate (Water = 1): 1.0

Appearance and Odor: Clear, colorless, characteristic of perfume.

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

### SECTION 3 — HAZARDOUS INGREDIENTS

CAS Reg. No.	Material	Percentage	TLV (Units)
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7732-18-5	Deionized Water	80 - 90	Not available
68608-68-4	Sodium n-Coco-amino propionate	0 - 2	Not available
7722-88-5	Tetrasodium pyrophosphate	0 - 2	5 mg/m <sup>3</sup> ) TLV nuisance dust
Not applicable	Fragrance	0 - 2	Not applicable
67-63-0	Isopropyl alcohol	1 - 5	400 ppm PEL
111-76-2	Butyl cellosolve	1 - 5	50 ppm PEL
75-28-5	Isobutane	1 - 10	1000 ppm

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

Flash Point: Less than -20°F (-29°C)

Method Used: TCC

Flammable Limits: Not determined.

Extinguishing Media: Not applicable

Special Fire Fighting Procedures: Not applicable

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

#### SECTION 5 — HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion: May cause gastrointestinal irritation.

Inhalation: May cause respiratory irritation.

Skin Contact: None known.

Eye Contact: Mild irritation.

First Aid Procedures:

Ingestion: Do not induce vomiting. Contact a physician.

Skin Contact: Wash skin 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.

#### SECTION 6 — REACTIVITY DATA continued

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: None

Eye Protection: Safety glasses

Other Protective Equipment: None

#### 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 soap and 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 revised: 6/20/00

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