

# **CYCLO<sup>®</sup> INDUSTRIES, LLC**

## **MATERIAL SAFETY DATA SHEET**

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In Emergency: (800) 752-7869 Ext. 10 (USA only)  
Outside USA call collect 1 (312) 942-5969 Ext. 10

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-207 Cyclo<sup>®</sup> 100% Concentrate Windshield Cleaner & Anti-Freeze

Chemical Name: Methanol

Hazardous Material Description: Consumer Commodity ORM-D

NFPA Code: HEALTH=3 FLAMMABILITY=3 REACTIVITY=0

### **SECTION 2 — PHYSICAL DATA**

Boiling Point: 148°F

Specific Gravity: 0.791 @ 20°F

Vapor Pressure: 96 mm HG @ 68°F

Vapor Density: 1.1

Solubility in Water: Complete

Evaporation Rate: Not applicable

Appearance and Odor: Blue liquid

**SECTION 5 — HEALTH HAZARD DATA continued**

Inhalation: Headache, weakness, drowsiness, lightheadedness, nausea, vomiting, drunkenness, irritation of the eyes and blurred vision. There is usually a latency period during which the acute symptoms may disappear, then relapse. Symptoms during the relapse include nausea, vomiting, dizziness and headache.

Skin Contact: May defat the skin which can lead to dermatitis.

Eye Contact: Eye irritant.

**Aggravated Medical Conditions:**

Persons with existing skin, kidney, liver or eye disorders may be at increased risk when exposed to methanol. Methanol may enhance the toxicity of carbon monoxide.

**Other Health Effects:**

Chronic exposure to methanol can result in headache, dizziness, nausea, vomiting, weakness, vertigo, chills, unsteady gait, dermatitis, edema of the arms, gastric pain, insomnia, blurred vision, constricted visual fields, changes in color perception, double vision and blindness. Methanol has also been reported to cause shooting pains in the lower extremities and multiple neuritis, characterized by numbness and pricking on the skin and shooting pain in the back of the hands and forearms. Sleep disturbances and digestive problems may occur. Methanol is a defatting agent and can cause dermatitis.

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

**First Aid Procedures:**

Ingestion: If the person is conscious, induce vomiting immediately. Then give 2 teaspoons of baking soda in a glass of water. **DO NOT INDUCE AN UNCONSCIOUS PERSON TO VOMIT.** Get medical attention immediately.

Skin Contact: Promptly remove any contaminated clothing and wash the skin with soap and water. Systemic effects may be delayed by 18 to 72 hours, therefore, keep individual under observation.

Inhalation: Move the exposed person to fresh air at once and call emergency medical care. If breathing has stopped, give artificial respiration. If breathing is difficult, give humidified oxygen.

Eye Contact: Immediately wash the eyes with large amounts of room temperature water for at least 15 minutes occasionally lifting the lower and upper eyelids. Get medical attention immediately. A follow up visit to an ophthalmologist should be made. Contact lenses should not be worn when working with this chemical.

**SECTION 6 — REACTIVITY DATA**

Stability: Stable

**Incompatibility (materials to avoid):**

Strong oxidizing agents, aluminum, zinc or metals that displace hydrogen, rubber and rubber based coatings, chromic anhydride, lead perchlorate and perchloric acids.

**SECTION 8 — SPILL OR LEAK PROCEDURES** *continued*

the runoff will present an explosion or fire hazard. For small spills, take up with sand or other non-combustible absorbent material and place into containers for later disposal. Control large spills by diking. Dispose all spill material in accordance with federal, state and local regulations. Methanol spills over the reportable quantity (5,000 lbs.) should be reported to the National Response Center (800) 424-8802.

Waste Disposal Method:

Must be disposed of in accordance with federal, state and local regulations.

CERCLA (Superfund) Reportable Quantity (in lb.): Methanol - 5,000 lbs.

**SECTION 9 — SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling and Storage:

Store in a well ventilated place away from sources of ignition, combustibles, oxidizing materials and acid. Store in an area equipped with automatic sprinklers or fire extinguishing system. Large quantities should be stored in metal tanks or drums. Ground and bond material storage contains and all transfer lines to prevent possible ignition from static sparks. Use spark resistant equipment to store methanol. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues, assume emptied containers to have the same hazards as full containers. Wear appropriate protective equipment when handling methanol. Follow all federal, state and local regulations as well as all insurance codes when storing and handling.

Other precautions: Provide suitable training.

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