



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 1 – PRODUCT & COMPANY IDENTIFICATION

Product Name: Cyclo[®] Brake & Parts Clean Non-Chlorinated SCAQMD 1171, Stock No. C-111SC

Product Use: Dissolve and flush away brake dust, brake fluid and oil. Degrease instantly. Can be used without disassembling brake units. Thoroughly cleans small parts before assembling engines, transmissions, etc. Cleans mating surfaces before using silicone sealants or adhesives.

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
67-64-1	Acetone	80 – 90	1000 ppm / OSHA PEL TWA 750 ppm / OSHA PEL Ceiling Limit 500 ppm / ACGIH TLV TWA 750 ppm / ACGIH TLW STEL
124-38-9	Carbon dioxide	5 – 15	5000 ppm / ACGIH TLV TWA 30,000 ppm / ACGIH TLW STEL
108-88-3	Toluene	1 – 10	100 ppm / OSHA PEL TWA 150 ppm / OSHA PEL Ceiling Limit 100 ppm / ACGIH TLV TWA 150 ppm / ACGIH TLW STEL

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview: Contents under pressure. Harmful or fatal if swallowed. Vapor harmful. Can cause nervous system depression. Extremely flammable. Keep away from heat, sparks and flame.

SECTION 3 – HAZARDS IDENTIFICATION continued

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

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

- Ingestion:** Do not leave individual unattended. Seek medical attention immediately. Aspiration hazard: DO NOT INDUCE VOMITING or give anything by mouth because this material can enter the lungs and cause severe lung damage.
- Skin Contact:** Remove contaminated clothing and shoes, and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.
- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Get medical attention immediately.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: <0°F (-18°C) **Method Used:** TAG Closed Cup

Flammable Limits in Air by Volume: Not determined

Extinguishing Media: Carbon dioxide, dry chemicals, foam.

Special Fire Fighting Procedures: SCBA should be used whenever chemical fires are present. Contents under pressure. Cool exposed containers with water spray to prevent bursting.

HMIS Code: Health = 2 Flammability = 3 Physical Hazard = 2

NFPA Rating: Health = 2 Flammability = 3 Reactivity = 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing and equipment to prevent skin and eye contact.

Spill/Leak Procedures: Contain any liquid from leaking containers. Wear protective equipment specified. Remove sources of ignition. Increase area ventilation. Sweep or gather up material and place in proper container for disposal or recovery. Do not puncture or incinerate container. Contents under pressure. Clean up using dry procedures; avoid dusting.

Environmental Procedures: Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

SECTION 7 – HANDLING AND STORAGE

Handling & Storage Procedures: Use only in a well ventilated area. Extremely flammable. Contents under pressure. Keep away from heat and open flame. Do not puncture, incinerate or store above 120°F (50°C). Do not store in passenger compartment of automobile. See product label for additional information. KEEP OUT OF THE REACH OF CHILDREN.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Use an approved NIOSH organic vapor respirator below the TLV. If TLV is exceeded or overexposure is likely, use positive pressure or self contained breathing apparatus.

Ventilation: Exhaust ventilation.

Skin Protection: Rubber apron. Use chemical resistant gloves for prolonged skin contact.

Eye Protection: Safety glasses with splash guards or full face shield is recommended.

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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not applicable

Specific Gravity (H₂O=1): Not determined

Vapor Pressure: Not determined

Vapor Density (Air=1): Not determined

Solubility in Water: Negligible

pH: Not determined

Evaporation Rate (Butyl Acetate = 1): Not determined

Appearance and Odor: Clear, colorless spray/mist with solvent odor.

Volatile Organic Compound (VOC): 25 grams/liter

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Keep away from heat, sparks and flame. Temperatures over 120°F.

Incompatibility (materials to avoid): Strong oxidizing agents. Strong acids.

Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION**Toxicological Data:**

Ingredient/CAS No.	Wt. %	Route	Species	Dose
Acetone / 67-64-1	80 – 90	Inhalation	Rats	LC50 50100 mg/m ³ /8H
Toluene / 108-88-3	1 – 10	Inhalation	Rats	LC50 49 gm/m ³ /4H

SECTION 12 – ECOLOGICAL INFORMATION

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

IMDG

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

SECTION 15 – REGULATORY INFORMATION

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>
None		

CERCLA/Superfund (RQ):

<u>Chemical Name</u>	<u>CAS#</u>	<u>Reportable Quantity</u>
Toluene	108-88-3	1000 lbs.

SECTION 15 – REGULATORY INFORMATION continued**California Proposition 65:**

<u>Chemical Name</u>	<u>CAS#</u>	<u>Developmental Toxicity</u>
Toluene	108-88-3	Listed – Initial date 1/1/91

SECTION 16 – OTHER INFORMATION

Document Date: 3/10/04 **Supersedes:** 9/30/03

Revisions: Sections: 2, 5, 9, 11, 12, 14 & 15

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