



CYCLO[®] INDUSTRIES, INC.

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, Inc. 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[®] Disc Brake Quiet, Stock No. C-36

Product Use: Eliminates disc brake squeal

Manufactured by: Cyclo Industries, Inc., 401 Maplewood Drive, Suite 18, Jupiter, FL 33458
Telephone: (561) 775-9600

First Aid Emergency: (800) 752-7869 or (312) 906-6194

Shipping Emergency: (800) 424-9300 or (703) 527-3887 (CHEMTREC)

HMIS: Health = 2* Flammability = 4 Physical Hazard = 2

NFPA Rating: Health = 2 Flammability = 4 Reactivity = 0

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS Reg. No.	Material	Percentage	Exposure Limits
142-82-5	Heptane	40 - 50	500 ppm=OSHA PEL TWA & ACGIH TLW STEL 2000 mg/m3 = OSHA PEL TWA 400 ppm = ACGIH TLV TWA 1640 mg/m3 = ACGIH TLV TWA
74-98-6	Propane	10 - 20	1000 ppm = OSHA PEL TWA 2500 ppm = ACGIH TLV TWA
108-88-3	Toluene	10 - 15	100 ppm = OSHA PEL TWA & ACGIH TLV TWA 150 ppm = OSHA PEL Ceiling Limits & ACGIH TLW STEL
106-97-8	Butane	1 - 10	800 ppm = ACGIH TLV TWA

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: Contents under pressure. Keep away from heat, sparks and flame. Danger: Extremely flammable.

Harmful or fatal if swallowed. Vapor Harmful. Can cause nervous system depression.

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

SECTION 4 – FIRST AID MEASURES

First Aid Procedures:

- Ingestion:** 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. Do not leave individual unattended.
- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
- Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.
- Eye Contact:** In case of contact or suspected contact, immediately flush eyes with plenty 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 chemical, foam

Special Fire Fighting Procedures: EXTREMELY FLAMMABLE. Contents under pressure. Cool exposed containers with water spray to prevent bursting. Self contained breathing apparatus should be used whenever chemical fires are present.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide

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. Do not puncture or incinerate container. Contents under pressure. Clean up using dry procedures; avoid dusting. Sweep or gather up material and place in proper container for disposal or recovery.

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

SECTION 7 – HANDLING AND STORAGE

Handling & Storage Procedures: Danger: Extremely flammable. Caution: Contents under pressure. Keep away from heat

and open flame. Do not puncture, incinerate or store above 120°F. Do not store in passenger compartment of automobile. Use only in a well ventilated area. 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: Use chemical resistant gloves for prolonged skin contact. Rubber apron

Eye Protection: Safety glasses with splash guards or goggles

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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 165°F (74°C)

Specific Gravity (H₂O=1): 0.81

Vapor Pressure: Not determined

Vapor Density (Air=1): Not determined

Solubility in Water: Negligible

pH: Not determined

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

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

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

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

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide

Hazardous Polymerization: Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological Data:

Ingredient/CAS No.	Weight %	Route	Species	Dose
Heptane / 142-82-5	40 - 50	Inhalation	Rats	LC50 103 gm/m ³ /4H
Toluene / 108-88-3	10 - 15	Inhalation	Rats	LC50 49 gm/m ³ /4H
Butane / 106-97-8	1 - 10	Inhalation	Rats	LC50 658 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: Consumer Commodity
ID Number: Not applicable
Hazard Class: ORM-D
Packing Group: Not applicable
Label: Not applicable
Placards: Not applicable

IMDG

Shipping Description: Aerosols, Limited Quantity
ID Number: UN1950
Hazard Class: 2.1
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

SECTION 15 – REGULATORY INFORMATION continued

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>
Toluene	108-88-3	10 - 15

CERCLA/Superfund (RQ):

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

California Proposition 65:

<u>Chemical Name</u>	<u>CAS#</u>
Toluene	108-88-3

SECTION 16 – OTHER INFORMATION

Document Date: December 18, 2007

Supersedes: 12/29/2005

Revisions: 12/29/05: Section I – new address.

12/18/07: Cyclo Industries incorporated. Updated DOT & IMDG hazard class.

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