

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** C36
Product Name: Disc Brake Quiet
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | |
|--------------------------|---|---------------------------------------|
| Company Name: | CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477 | Phone Number:
(800)843-7813 |
| Web site address: | www.cyclo.com | |
| Information: | First Aid Emergency (Outside U.S.) | (312)906-6194 |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|--|--------------------------------|
| Emergency Contact: | First Aid Emergency
CHEMTREC (703) 527-3887 | (800)752-7869
(800)424-9300 |
|---------------------------|--|--------------------------------|

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
- Flammable Gases, Category 1
 - Gas Under Pressure, Compressed gas
 - Flammable Liquids, Category 2
 - Skin Corrosion/Irritation, Category 2
 - Toxic To Reproduction, Category 2
 - Target Organ Systemic Toxicity (single exposure), Category 3
 - Target Organ Systemic Toxicity (repeated exposure), Category 2
 - Aspiration Toxicity, Category 1
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**



Danger



Warning



Warning



Danger

GHS Hazard Phrases:

- H220: Extremely flammable gas.
- H280: Contains gas under pressure; may explode if heated.
- H225: Highly flammable liquid and vapor.
- H315: Causes skin irritation.
- H361: Suspected of damaging fertility or the unborn child.
- H335: May cause respiratory irritation.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H304: May be fatal if swallowed and enters airways.

GHS Precaution Phrases:

- P210: Keep away from heat/sparks/open flames/hot surfaces.
- P280: Wear protective gloves/clothing and eye/face protection as specified by the manufacturer/supplier or the competent authority.
- P240: Ground/bond container and receiving equipment.
- P241: Use explosion-proof electrical/ventilating/lighting equipment.
- P264: Wash hands thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P273: Avoid release to the environment.

GHS Response Phrases:

P370+378: In case of fire, use CO₂, dry chemical or foam for extinction.

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331: Do NOT induce vomiting.

GHS Storage and Disposal Phrases:

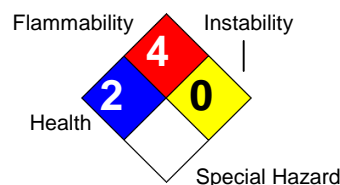
P410: Protect from sunlight.

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

P403+233: Store container tightly closed in well-ventilated place.

Hazard Rating System:

HEALTH	2
FLAMMABILITY	4
PHYSICAL	2
PPE	



2.3 Adverse Human Health Effects and Symptoms:

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
142-82-5	Heptane	40.0 -50.0 %	205-563-8 601-008-00-2	Flam. Liq. 2: H225 Asp. Toxic. 1: H304 Skin Corr. 2: H315 TOST (SE) 3: H335 H336 Aquatic (A) 1: H400 Aquatic (C) 1: H410
74-98-6	Propane	10.0 -20.0 %	200-827-9 601-003-00-5	Flam. Gas 1: H220 Comp. Gas: H280
108-88-3	Toluene	10.0 -15.0 %	203-625-9 601-021-00-3	Flam. Liq. 2: H225 Toxic Repro. 2: H361 Asp. Toxic. 1: H304 TOST (RE) 2: H373 Skin Corr. 2: H315 TOST (SE) 3: H335 H336
106-97-8	Butane	1.0 -10.0 %	203-448-7 601-004-01-8	Flam. Gas 1: H220 Comp. Gas: H280



Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** If swallowed, 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. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of eye contact, immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. In case of skin contact, wash with soap and water. Remove contaminated clothing and shoes, and launder before reuse. Call physician immediately if adverse reaction occurs.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Carbon dioxide, dry chemicals, foam.
- 5.2 Flammable Properties and Hazards:** No data available.
- Flammability Classification:** NFPA Level 2 Aerosol
- Flash Pt:** < 0.00 F (-17.8 C) Method Used: TAG Closed Cup
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** EXTREMELY FLAMMABLE. Contents under pressure. Cool exposed containers with water spray to prevent bursting. SCBA should be used whenever chemical fires are present.

Section 6. Accidental Release Measures

- 6.3 Methods and Material For Containment and Cleaning Up:** Wear appropriate protective clothing and equipment to prevent skin and eye contact. Contain any liquid from leaking containers. 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. Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Danger: extremely flammable. Caution: contents under pressure. Keep away from heat and open flame. Do not puncture or incinerate. Use only in a well ventilated area. Keep out of the reach of children.
- 7.2 Precautions To Be Taken in Storing:** Do not store above 120 degrees F. Do not store in passenger compartment of automobile.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
142-82-5	Heptane	TWA: 2085 mg/m3 (500 ppm) STEL: ()	TWA: 1668 mg/m3 (400 ppm) STEL: 2085 mg/m3 (500 ppm)	TWA: 2085. mg/m3
74-98-6	Propane	No data.	No data.	No data.
108-88-3	Toluene	TWA: 191 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	TWA: 192 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	TWA: 192 mg/m3 STEL: 384 mg/m3
106-97-8	Butane	TWA: 1450 mg/m3 (600 ppm)	TWA: 1900 mg/m3 (800)	No data.



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STEL: 1810 mg/m3 (750 ppm) ppm)

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
142-82-5	Heptane	PEL: 500 ppm	TLV: 400 ppm	No data.
74-98-6	Propane	PEL: 1000 ppm	TLV: (2500 ppm)	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
106-97-8	Butane	No data.	TLV: (800 ppm)	No data.

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Exhaust ventilation. Showers. Eyewash stations.

8.2.2 Personal protection equipment:

Eye Protection: Wear safety glasses or goggles to protect against exposure.

Protective Gloves: Use chemical resistant gloves for prolonged skin contact.

Other Protective Clothing: Rubber apron.

Respiratory Equipment (Specify Type): 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.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

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

Melting Point: NE

Boiling Point: No data.

Flash Pt: < 0.00 F (-17.8 C) Method Used: TAG Closed Cup

Evaporation Rate: NE

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

Specific Gravity (Water = 1): .81

Solubility in Water: Negligible

Autoignition Pt: No data.

Viscosity: NE

9.2 Other Information

Percent Volatile: NE

Section 10. Stability and Reactivity

10.1 Reactivity: No data available.

10.2 Stability: Unstable [] Stable [X]

10.3 Conditions To Avoid - Hazardous Reactions: No data available.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

10.4 Conditions To Avoid - Instability: Keep away from heat, sparks and flame. Temperature over 120 degrees F.

10.5 Incompatibility - Materials To Avoid: Strong acids. Strong oxidizing agents.



**10.6 Hazardous
Decomposition Or
Byproducts:**

Carbon monoxide. Carbon dioxide.

Section 11. Toxicological Information

**11.1 Information on
Toxicological Effects:**

No data available.

CAS# 142-82-5:

Other Studies:, TDLo, Oral, Rat, 60.00 GM/KG, 3 W.

Results:

Kidney, Ureter, Bladder: Changes in liver weight.

- National Technical Information Service, Vol/p/yr: OTS0571116,

Other Studies:, TDLo, Oral, Rat, 260.0 GM/KG, 13 W.

Results:

Kidney, Ureter, Bladder: Changes in bladder weight.

Endocrine:Hypoglycemia.

Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

- National Technical Information Service, Vol/p/yr: OTS0571116,

Other Studies:, TCLo, Inhalation, Rat, 4000. PPM, 6 D.

Results:

Brain and Coverings: Recordings from specific areas of CNS.

Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Ear: Changes in cochlear structure or function.

Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

- Pharmacology and Toxicology, Munksgaard International Pub., POB 2148, Copenhagen K Denmark, Vol/p/yr: 76,41, 1995

Other Studies:, TDLo, Intraperitoneal, Rat, 9625. MG/KG, 7 D.

Results:

Liver: Other changes.

Blood:Changes in serum composition (e.g.

Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels: Multiple enzyme effects.

- Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 14,169, 1982

Other Studies:, TDLo, Intraperitoneal, Rat, 8840. MG/KG, 45 D.

Results:

Liver: Other changes.

Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels:

Phosphatases.

Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels: Hepatic microsomal mixed oxidase (dealkylation, hydroxylation, etc.)

- JAT, Journal of Applied Toxicology., John Wiley & Sons Ltd., Baffins Lane, Chichester, W.Sussex PO19 1UD UK, Vol/p/yr: 8,81, 1988

Acute toxicity, TCLo, Inhalation, Human, 1000. PPM, 6 M.

Results:

Behavioral: Hallucinations, distorted perceptions.

- "U.S. Bureau of Mines Report of Investigation No. 2979," Patty, F.A., and W.P. Yant, 1929 Volume, Vol/p/yr: 2979,-, 1929



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Acute toxicity, LC50, Inhalation, Rat, 103.0 GM/M3, 4 H.

Results:

Behavioral: Change in motor activity (specific assay).

Behavioral: Alteration of classical conditioning.

- Gigiena Truda i Professional'nye Zabolevaniya.(Labor Hygiene and Occupational Disease), V/O Mezhdunarodnaya Kniga, Moscow 113095 Russia, Vol/p/yr: 32(10),23, 1988

Acute toxicity, LCLO, Inhalation, Mouse, 59.00 GM/M3, 41 M.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Biochemische Zeitschrift., For publisher information, see EJBCAI, Berlin Germany, Vol/p/yr: 115,235, 1921

Acute toxicity, LD50, Intravenous, Mouse, 222.0 MG/KG.

Results:

Brain and Coverings: Changes in circulation (hemorrhage,thrombosis, etc.

Lungs, Thorax, or Respiration:Dyspnea.

Gastrointestinal:Nausea or vomiting.

- Journal of Pharmaceutical Sciences., American Pharmaceutical Assoc., 2215 Constitution Ave., NW, Washington, DC 20037, Vol/p/yr: 67,566, 1978

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
142-82-5	Heptane	n.a.	n.a.	n.a.	n.a.
74-98-6	Propane	n.a.	n.a.	n.a.	n.a.
108-88-3	Toluene	n.a.	3	A4	n.a.
106-97-8	Butane	n.a.	n.a.	n.a.	n.a.

Section 12. Ecological Information

Section 13. Disposal Considerations

13.1 Waste Disposal Method: Disposal should be made in accordance with federal, state and local regulations.

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Consumer Commodity

DOT Hazard Class: ORM-D ORM-D

UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name:

UN Number: 1950

Hazard Class: N.A.

ADR Classification: 2



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14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, Ltd. Qty.

UN Number: 1950

Hazard Class: N.A.

Packing Group:

IMDG Classification: 2.1

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols, flammable, 2.1, Ltd. Qty.

UN Number: 1950

Hazard Class: N.A.

IATA Classification: 2.1

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
142-82-5	Heptane	No	No	No
74-98-6	Propane	No	No	No
108-88-3	Toluene	No	Yes 1000 LB	Yes
106-97-8	Butane	No	No	No

CAS # Hazardous Components (Chemical Name)

142-82-5 Heptane

74-98-6 Propane

108-88-3 Toluene

106-97-8 Butane

Other US EPA or State Lists

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory, 4 Test, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1339; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1594; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Inventory, 8A CAIR; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 1866; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 0273; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

CAS # Hazardous Components (Chemical Name)

142-82-5 Heptane

74-98-6 Propane

108-88-3 Toluene

106-97-8 Butane

International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: No

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: No

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: No

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: No

Section 16. Other Information

Revision Date: 04/26/2013

Additional Information About This Product: No data available.

This Product:

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