

**Brake & Parts Clean, Non-Chlorinated, 55
Gallon Drum**

Revision: 12/28/2016

Supersedes Revision: 06/19/2015

1. Product and Company Identification

Product Code: C116
Product Name: Brake & Parts Clean, Non-Chlorinated, 55 Gallon Drum
Company Name: CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477
Phone Number: (800)843-7813

Web site address: www.cyclo.com
Email address: ehs@cyclo.com
Emergency Contact: First Aid Emergency (800)752-7869
CHEMTREC (703) 527-3887 (800)424-9300
Information: First Aid Emergency (Outside U.S.) (312)906-6194

2. Hazards Identification

Flammable Liquids, Category 2

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 2A

Toxic To Reproduction, Category 2

Specific Target Organ Toxicity (single exposure), Category 3

Specific Target Organ Toxicity (repeated exposure), Category 2

Aspiration Toxicity, Category 1

**GHS Signal Word:** Danger

GHS Hazard Phrases: H225: Highly flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P233: Keep container tightly closed.
P210: Keep away from heat/sparks/open flames/hot surfaces.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P243: Take precautionary measures against static discharge.
P242: Use only non-sparking tools.
P264: Wash hands thoroughly after handling.
P362+364: Take off contaminated clothing and wash it before reuse.
P271: Use only outdoors or in a well-ventilated area.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.

GHS Response Phrases: P370+378: In case of fire, use carbon dioxide, dry chemical, foam or water fog to extinguish.
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated

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clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

**GHS Storage and Disposal
Phrases:**

P405: Store locked up.

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

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

**Potential Health Effects
(Acute and Chronic):**

No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64742-49-0	Naphtha (petroleum), hydrotreated light	50.0 -75.0 %
108-88-3	Toluene	10.0 -25.0 %
67-64-1	Acetone	10.0 -25.0 %

4. First Aid Measures**Emergency and First Aid
Procedures:**

If swallowed, do not induce vomiting. If not breathing, give artificial respiration. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes, and launder before reuse. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures**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.**Suitable Extinguishing Media:** Carbon dioxide, dry chemical, foam, water fog.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Avoid use of solid water streams. Do not use water jet (frothing possible). Use water with caution. Material will float and may ignite on surface of water. Water may be ineffective in fighting the fire. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Flammable Properties and Hazards: Extremely flammable liquid and vapor. Vapors can travel to a source of ignition and flash back. Vapors/dust may cause flash fire or explosion. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning.

Hazardous Combustion Products: No data available.



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6. Accidental Release Measures**Steps To Be Taken In Case Material Is Released Or Spilled:**

Wear appropriate personal protective equipment. Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. If leak or spill has not ignited, use water spray to disperse the vapors. Use only non-combustible materials for clean-up. Use clean, non-sparking tools to collect absorbed materials. Remove from surface by skimming or with suitable absorbents. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Recover by pumping (use an explosion proof or hand pump).

7. Handling and Storage**Precautions To Be Taken in Handling:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Keep out of the reach of children.

Precautions To Be Taken in Storing:

Store locked up. Store container tightly closed in well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-49-0	Naphtha (petroleum), hydrotreated light	No data.	No data.	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
67-64-1	Acetone	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.

Respiratory Equipment (Specify Type):

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Eye Protection:

Wear safety glasses with side shields (or goggles) and a face shield.

Protective Gloves:

Wear impervious gloves to prevent contact with the skin.

Other Protective Clothing:

Wear long sleeves when contact is likely to occur. Wear protective gear as needed- apron, suit, boots. Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required.

Engineering Controls (Ventilation etc.):

Ventilate low-lying areas where dense vapors may collect. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Use explosion-proof ventilation equipment.

Work/Hygienic/Maintenance Practices:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear, transparent liquid.
pH:	No data.
Melting Point:	No data.
Boiling Point:	133.00 F (56.1 C) - 277.00 F (136.1 C)
Flash Pt:	0.00 F (-17.8 C) Method Used: TAG Closed Cup
Evaporation Rate:	< 1
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	No data.
Specific Gravity (Water = 1):	.7513
Solubility in Water:	Negligible
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	< 89.0 % by weight.
Autoignition Pt:	No data.
Decomposition Temperature:	No data.
Viscosity:	No data.

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Avoid impact, friction, heat, sparks or flame.
Incompatibility - Materials To Avoid:	Keep separate from alkalies. Prevent contact with strong oxidizing agents. Prevent contact with halogens. Keep away from acids.
Hazardous Decomposition or Byproducts:	During combustion carbon dioxide may be formed. During combustion carbon monoxide may be formed.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.



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11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-49-0	Naphtha (petroleum), hydrotreated light	n.a.	n.a.	n.a.	n.a.
108-88-3	Toluene	n.a.	3	A4	n.a.
67-64-1	Acetone	n.a.	n.a.	A4	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international regulation.

14. Transport Information

LAND TRANSPORT (US DOT):**DOT Proper Shipping Name:** Flammable liquids, n.o.s. (Naphtha (petroleum), hydrotreated light, Toluene, Acetone)**DOT Hazard Class:** 3 FLAMMABLE LIQUID**UN/NA Number:** UN1993**Packing Group:** II**LAND TRANSPORT (European ADR/RID):****ADR/RID Shipping Name:** Flammable liquids, n.o.s. (Naphtha (petroleum), hydrotreated light, Toluene, Acetone)**UN Number:** 1993**Packing Group:** II**Hazard Class:** 3 - FLAMMABLE LIQUID**ADR Classification:** 3**MARINE TRANSPORT (IMDG/IMO):****IMDG/IMO Shipping Name:** Flammable liquids, n.o.s. (Naphtha (petroleum), hydrotreated light, Toluene, Acetone)**UN Number:** 1993**Packing Group:** II**Hazard Class:** 3 - FLAMMABLE LIQUID**IMDG Classification:** 3**IMDG MFAG Number:****IMDG EMS Page:**

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)
64742-49-0	Naphtha (petroleum), hydrotreated light	No	No	No
108-88-3	Toluene	No	Yes 1000 LB	Yes
67-64-1	Acetone	No	Yes 5000 LB	No

CAS # Hazardous Components (Chemical Name)**Other US EPA or State Lists**

64742-49-0 Naphtha (petroleum), hydrotreated light

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

108-88-3 Toluene



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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

67-64-1 Acetone

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

CAS # Hazardous Components (Chemical Name)

64742-49-0 Naphtha (petroleum), hydrotreated light

108-88-3 Toluene

67-64-1 Acetone

International Regulatory Lists

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

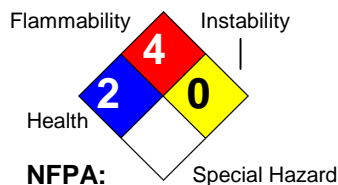
Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

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

16. Other Information

Revision Date: 12/28/2016

Hazard Rating System:



Additional Information About This Product: Not for sale in CA, CT, DE, D.C., IL, IN, MD, ME, MA, MI, NH, NJ, NY, OH, PA, RI, UT, VA

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