

1. Product and Company Identification

Product Code: C101C
Product Name: Brake & Parts Clean Methanol Formula
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
Acute Toxicity: Inhalation, Category 3
Acute Toxicity: Oral, Category 3
Acute Toxicity: Skin, Category 3
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (single exposure), Category 1
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.
H331: Toxic if inhaled.
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.
H304: May be fatal if swallowed and enters airways.
H280: Contents under pressure. May explode if heated.

GHS Precaution Phrases: P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P280: Wear protective gloves/clothing and eye/face protection.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P271: Use only outdoors or in a well-ventilated area.
P264: Wash hands thoroughly after handling.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.

GHS Response Phrases: P370+378: In case of fire, use dry chemical, carbon dioxide or alcohol foam for extinction.
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 clothing. Rinse skin with water/shower.

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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:

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
67-64-1	Acetone	45.0 -55.0 %
108-88-3	Toluene	20.0 -30.0 %
67-56-1	Methanol	20.0 -30.0 %
124-38-9	Carbon dioxide	5.0 -15.0 %

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

If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than hips to prevent aspiration. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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**Flammability Classification:** NFPA Level 3 Aerosol**Flash Pt:** -20.00 F (-28.9 C) Method Used: TAG Closed Cup**Explosive Limits:** LEL: 2.5 UEL: 12.8**Autoignition Pt:** 725.00 F (385.0 C)**Suitable Extinguishing Media:** Dry chemical, carbon dioxide, alcohol foam. Use water spray to keep containers cool that are exposed to heat or flame.**Fire Fighting Instructions:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Vapor may cause flash fire.**Flammable Properties and Hazards:** No data available.**Hazardous Combustion Products:** Carbon dioxide. Carbon monoxide. Formaldehyde.

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

Wear appropriate protective clothing and equipment to prevent skin and eye contact. Contain any liquid from leaking containers. Avoid all sources of ignition; heat, sparks and open flames. Do not puncture or incinerate container. Contents under pressure. Leaking containers should be removed to an isolated, well-ventilated area and transferred to other suitable containers. Wipe, scrape or soak up in an inert material and put in a container intended for flammable materials for disposal. Persons not trained should evacuate area. Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.

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

Keep away from heat/sparks/open flames/hot surfaces - No smoking. Wear protective gloves/clothing and eye/face protection. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Keep out of the reach of children.

Precautions To Be Taken in Storing:

Store container tightly closed in well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-64-1	Acetone	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
67-56-1	Methanol	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.
124-38-9	Carbon dioxide	PEL: 5000 ppm	TLV: 5000 ppm STEL: 30,000 ppm	No data.

Respiratory Equipment (Specify Type):

Do not breathe mist or vapor. Use in a well ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

Eye Protection:

Chemical goggles; also wear a face shield if splashing hazard exists.

Protective Gloves:

Avoid skin contact. Wear protective gloves.

Other Protective Clothing:

Avoid skin contact. Wear protective clothing.

Engineering Controls (Ventilation etc.):

Use in a well ventilated area. Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Eyewash stations. Showers.



9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Colorless to paly yellow liquid with mild odor.
pH:	No data.
Melting Point:	< -110.00 F (-78.9 C)
Boiling Point:	133.00 F (56.1 C)
Flash Pt:	-20.00 F (-28.9 C) Method Used: TAG Closed Cup
Evaporation Rate:	No data.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: 2.5 UEL: 12.8
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	~ 2.0
Specific Gravity (Water = 1):	.81 at 68.0 F (20.0 C)
Solubility in Water:	64%
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	39.2 % by weight.
Autoignition Pt:	725.00 F (385.0 C)
Decomposition Temperature:	No data.
Viscosity:	No data.

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Keep away from heat, sparks and flame. Avoid any source of ignition. Do not expose to heat or store at temperatures above 120 degrees F.
Incompatibility - Materials To Avoid:	Nitric acid, sulfuric acid, strong acids, contact with oxidizing agents, chlorine compounds, alkalis, potassium t-butoxide, beryllium dihydride, magnesium, nitrogen tetraoxide, strong bases. Methanol has an explosive reaction with chloroform + sodium hydroxide, cyanuric chloride, nitric acid, etc.
Hazardous Decomposition or Byproducts:	Carbon dioxide, carbon monoxide, formaldehyde.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.



SAFETY DATA SHEET

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11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-64-1	Acetone	n.a.	n.a.	A4	n.a.
108-88-3	Toluene	n.a.	3	A4	n.a.
67-56-1	Methanol	n.a.	n.a.	n.a.	n.a.
124-38-9	Carbon dioxide	n.a.	n.a.	n.a.	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: Consumer Commodity
DOT Hazard Class: ORM-D ORM-D
UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, Ltd Qty

2.1 (6.1)

UN Number: 1950	Packing Group:
Hazard Class: N.A.	IMDG Classification: 2.1
	IMDG MFIAG Number:
IMDG EMS Page:	Marine Pollutant: No

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: FORBIDDEN

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)
67-64-1	Acetone	No	Yes 5000 LB	No
108-88-3	Toluene	No	Yes 1000 LB	Yes
67-56-1	Methanol	No	Yes 5000 LB	Yes
124-38-9	Carbon dioxide	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

<p>67-64-1 Acetone</p> <p>108-88-3 Toluene</p>	<p>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</p> <p>CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - 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</p>
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67-56-1 Methanol

CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 1222; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes

124-38-9 Carbon dioxide

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - 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: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes

CAS # Hazardous Components (Chemical Name)

67-64-1 Acetone

International Regulatory Lists

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

108-88-3 Toluene

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

67-56-1 Methanol

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

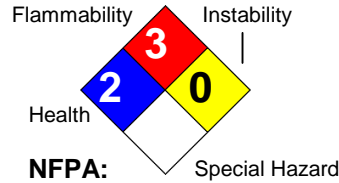
124-38-9 Carbon dioxide

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

16. Other Information

Revision Date: 12/14/2016

Hazard Rating System:



Additional Information About This Product: Not for sale in CA, UT, DE, NH.

Company Policy or Disclaimer:

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