SAFETY DATA SHEET
Carb Clean, 10% VOC

Revision: 03/10/2015
Supersedes Revision: 02/02/2015

1. Product and Company Identification

Product Code: C1CA10VOC
Product Name: Carb Clean, 10% VOC

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 CHEMTREC (703) 527-3887	(800)752-7869 (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
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
Skin Corrosion/Irritation, Category 2

GHS Signal Word: **Danger**

GHS Hazard Phrases:
H225: Highly flammable liquid and vapor.
H301: Toxic if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H315: Causes skin irritation.
H331: Toxic if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to {organs} through prolonged or repeated exposure.
H280: Contents under pressure. May explode if heated.

GHS Precaution Phrases:
P202: Do not handle until all safety precautions have been read & understood.
P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P211: Do not spray on an open flame or other ignition sources.
P280: Wear protective gloves/clothing and eye/face protection.
P240: Ground/bond container and receiving equipment.
P271: Use only outdoors or in a well-ventilated area.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

GHS Response Phrases:
P370+378: In case of fire, use dry chemical, carbon dioxide, 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.
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:

P403+235: Store in cool/well-ventilated place.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Potential Health Effects (Acute and Chronic):

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
67-64-1	Acetone	70.0 -85.0 %
108-88-3	Toluene	10.0 -30.0 %
124-38-9	Carbon dioxide	5.0 -15.0 %
67-56-1	Methanol	1.0 -5.0 %

4. First Aid Measures

Emergency and First Aid Procedures: If swallowed, Rinse mouth. Do NOT induce vomiting. 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 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 2 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 flames.

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.

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: Do not handle until all safety precautions have been read & understood. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Do not spray on an open flame or other ignition sources.Wear protective gloves/clothing and eye/face protection. Ground/bond container and receiving equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep out of the reach of children.

Precautions To Be Taken in Storing: Store locked up. Store in cool/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	500ppmACGIH TLV TWA
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
124-38-9	Carbon dioxide	PEL: 5000 ppm	TLV: 5000 ppm STEL: 30,000 ppm	No data.
67-56-1	Methanol	PEL: 200 ppm	TLV: 200 ppm STEL: 250 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: Wear protective clothing and gloves.

Other Protective Clothing: Wear protective clothing and gloves.

Engineering Controls (Ventilation etc.): Use in a well ventilated area. Local exhaust ventilation as necessary to maintain exposure to within applicable limits. Showers. Eyewash stations.

9. Physical and Chemical Properties

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	Colorless to pale yellow liquid. Mild odor.
Melting Point:	< -110.00 F (-78.9 C)
Boiling Point:	133.00 F (56.1 C)
Autoignition Pt:	725.00 F (385.0 C)
Flash Pt:	-20.00 F (-28.9 C) Method Used: TAG Closed Cup
Explosive Limits:	LEL: 2.5% UEL: 12.8%
Specific Gravity (Water = 1):	.81@ at 68.0 F (20.0 C)
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	2.0
Evaporation Rate:	NE
Solubility in Water:	64%
pH:	NE
Percent Volatile:	9.8 % by weight.

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 strong oxidizing agents, chlorine compounds, alkalis, potassium t-butoxide, beryllium dihydride, magnesium, nitrogen tetraoxide, strong bases. Methanol has an explosive reaction with chloroform + sodium methoxide and diethyl zinc. Methanol has a violent reaction with alkyl aluminum salts, acetyl bromide, chloroform + sodium hydroxide, cyanuric chloride, nitric acid, etc.
Hazardous Decomposition Or Byproducts:	Carbon monoxide, carbon dioxide, formaldehyde.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

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.
124-38-9	Carbon dioxide	n.a.	n.a.	n.a.	n.a.
67-56-1	Methanol	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:

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Aerosols (Methanol)

2.1(6.1)
UN Number: 1950
Hazard Class: N.A.
ADR Classification: 2.1

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols (Methanol)

2.1(6.1)
UN Number: 1950
Hazard Class: N.A.
Packing Group:
IMDG Classification: 2.1
Marine Pollutant: No

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols (Methanol)

2.1(6.1)
UN Number: 1950
Hazard Class: N.A.
IATA Classification: 2.1

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
124-38-9	Carbon dioxide	No	No	No
67-56-1	Methanol	No	Yes 5000 LB	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
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: Yes - 0006; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes
108-88-3	Toluene	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
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: Yes - 0343; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
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

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
67-64-1	Acetone	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
108-88-3	Toluene	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
124-38-9	Carbon dioxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
67-56-1	Methanol	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 03/10/2015

Hazard Rating System:

HMIS:

Additional Information About This Product: No data available.

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