



SAFETY DATA SHEET

Carb Clean International, 55 Gal Drum

1. Product and Company Identification

Product Code:	C1INTL55	
Product Name:	Carb Clean International, 55 Gal 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 CHEMTREC (703) 527-3887	(800)752-7869 (800)424-9300
Information:	First Aid Emergency (Outside U.S.)	(312)906-6194
Intended Use:	Carb Cleaner	

2. Hazards Identification

Flammable Liquids, Category 2
Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
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. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H315: Causes skin irritation. H319: Causes serious eye irritation. H332: Harmful if inhaled. 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. H410: Very toxic to aquatic life with long lasting effects.
GHS Precaution Phrases:	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash hands thoroughly after handling. P271: Use only outdoors or in a well-ventilated area.



SAFETY DATA SHEET

Carb Clean International, 55 Gal Drum

P273: Avoid release to the environment.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P270: Do not eat, drink or smoke when using this product.
 P281: Use personal protective equipment as required.
 P362+364: Take off contaminated clothing and wash it before reuse.
 P370+378: In case of fire, use alcohol foam, CO₂, dry chemical or water 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 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 Response Phrases:**GHS Storage and Disposal Phrases:**

P405: Store locked up.
 P403+233: Store container tightly closed in well-ventilated place.
 P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64742-49-0	Naphtha (petroleum), hydrotreated light	40.0 -50.0 %
108-88-3	Toluene	25.0 -35.0 %
111-76-2	Ethanol, 2-Butoxy-	2.5 -10.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

If swallowed, do not induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. 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. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flash Pt: -4.00 F (-20.0 C) Method Used: TAG Closed Cup
Explosive Limits: LEL: 1.2 UEL: 7.1
Autoignition Pt: 725.00 F (385.0 C)
Suitable Extinguishing Media: Alcohol foam. Carbon dioxide. Dry chemical. Water. 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.
Hazardous Combustion Products: Carbon monoxide, carbon dioxide, formaldehyde, formic acid.



SAFETY DATA SHEET

Carb Clean International, 55 Gal Drum

6. Accidental Release Measures

Environmental Precautions: Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.

Steps To Be Taken In Case Material Is Released Or Spilled: Wear appropriate protective clothing and equipment to prevent skin and eye contact. Wear protective equipment specified. Only trained and qualified personnel should handle any spilled or leaked product. Keep away from heat, sparks and flames. Use non-sparking tools and equipment. Remove sources of ignition. Follow facility's spill response procedures. Isolate hazard area, keeping unnecessary and unprotected personnel from entering. Absorb spill with inert material. Keep away from drains.

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. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Take off contaminated clothing and wash it before reuse. 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.
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.

Respiratory Equipment (Specify Type): NIOSH/MSHA approved respirator when exposure is expected to exceed applicable limits.

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

Protective Gloves: Avoid skin contact. Wear protective clothing and gloves.

Other Protective Clothing: Avoid skin contact. Wear protective clothing and gloves.

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



9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear, colorless liquid. Mild odor.
pH:	NE
Melting Point:	NE
Boiling Point:	133.00 F (56.1 C)
Flash Pt:	-4.00 F (-20.0 C) Method Used: TAG Closed Cup
Evaporation Rate:	NE
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: 1.2 UEL: 7.1
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Specific Gravity (Water = 1):	.86
Solubility in Water:	~ 75%
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	100.0 % 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. T
Incompatibility - Materials To Avoid:	Contact with oxidizing agents.
Hazardous Decomposition or Byproducts:	Carbon monoxide.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information: Heptane: Inhalation/Rats LC50 103 gm/m³/4H
 Toluene: Inhalation/Rats LC50 49gm/m³/4H
 Methanol: Inhalation/Rats LC50 64,000ppm
 Glycol Ether EB: Inhalation/Rats LC50 450ppm/4H

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.
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	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,Toluene)
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,Toluene)
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,Toluene)
UN Number: 1993 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID
IMDG MFAG Number:
IMDG EMS Page: **Marine Pollutant:** No

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Flammable liquids, n.o.s. (Naphtha,Toluene)
UN Number: 1993 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID **IATA Classification:** 3

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
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230



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Revision: 08/10/2017
Supersedes Revision: 06/18/2015

CAS # Hazardous Components (Chemical Name)

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

108-88-3 Toluene

111-76-2 Ethanol, 2-Butoxy-

Other US EPA or State Lists

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 - Inventory, 8A CAIR; CA PROP.65: Yes: RDTox(F); 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: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Yes - Cat.; NC TAP: Yes - Cat.; NJ EHS: Yes - Cat.; NY Part 597: No; PA HSL: Yes - 1; SC TAP: Yes - Cat.; WI Air: Yes

CAS # Hazardous Components (Chemical Name)

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

108-88-3 Toluene

111-76-2 Ethanol, 2-Butoxy-

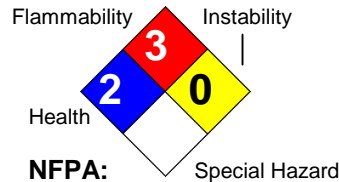
International Regulatory Lists

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: 08/10/2017

Hazard Rating System:



Additional Information About This Product: Not for sale in the US.

Company Policy or Disclaimer:

Cyclo Industries, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. Cyclo Industries, Inc. makes no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, Cyclo Industries, Inc. will not be responsible for damages resulting from use of or reliance upon this information.