

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

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

- 1.1 Product Code:** C1INTL55
Product Name: Carb Clean International, 55 Gal Drum
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: Carb Cleaner
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | | |
|--------------------------|---|----------------------|---------------|
| Company Name: | CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477 USA | Phone Number: | (800)843-7813 |
| Web site address: | www.cyclo.com | | |
| Email address: | ehs@cyclo.com | | |
| Information: | First Aid Emergency (Outside U.S.) | | (312)906-6194 |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|-------------------------|---------------|
| Emergency Contact: | First Aid Emergency | (800)752-7869 |
| | CHEMTREC (703) 527-3887 | (800)424-9300 |

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 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
 - Aquatic Toxicity (Acute), Category 1
 - Aquatic Toxicity (Chronic), Category 1
- 2.2 Label Elements:**

**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.



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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.
 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.

GHS Response Phrases:

- 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 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.

2.3 Adverse Human Health No data available.

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
64742-49-0	Naphtha (petroleum), hydrotreated light	40.0 -50.0 %	265-151-9 649-328-00-1	Asp. Toxic. 1: H304 Mutagen 1B: H340 Carcinogen 1B: H350
108-88-3	Toluene	25.0 -35.0 %	203-625-9 601-021-00-3	Flam. Liq. 2: H225 Asp. Toxic. 1: H304 Skin Corr. 2: H315 STOT (SE) 3: H335 H336 Toxic Repro. 2: H361d STOT (RE) 2: H373
111-76-2	Ethanol, 2-Butoxy-	2.5 -10.0 %	203-905-0 603-014-00-0	Acute Tox.(O) 4: H302 Acute Tox.(D) 4: H312 Skin Corr. 2: H315 Eye Damage 2A: H319



Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** 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.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Alcohol foam. Carbon dioxide. Dry chemical. Water. Use water spray to keep containers cool that are exposed to heat or flames.
- 5.2 Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, formaldehyde, formic acid.
- 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)
- 5.3 Fire Fighting Instructions:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Vapor may cause flash fire.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.
- 6.3 Methods and Material For Containment and Cleaning Up:** 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.

Section 7. Handling and Storage

- 7.1 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.
- 7.2 Precautions To Be Taken in Storage:** Store locked up. Store container tightly closed in well-ventilated place.



Taken in Storing:

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
108-88-3	Toluene	ACGIH TLV	TLV: 50 ppm	
		Europe	TWA: 192 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	
		France VL	TWA: 192 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	
		OSHA PELs	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	
		Britain EH40	TWA: 191 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	Skin Absorption
111-76-2	Ethanol, 2-Butoxy-	ACGIH TLV	TLV: 20 ppm	
		Europe	TWA: 98 mg/m3 (20 ppm) STEL: 246 mg/m3 (50 ppm)	Skin Absorption
		France VL	TWA: 9.8 mg/m3 (2 ppm) STEL: 147.6 mg/m3 (30 ppm)	
		OSHA PELs	PEL: 50 ppm	
		Britain EH40	TWA: 123 mg/m3 (25 ppm) STEL: 246 mg/m3 (50 ppm)	Skin Absorption

8.2 Exposure Controls:

8.2.1 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.

8.2.2 Personal protection equipment:

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.

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

No data available.

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 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



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Specific Gravity (Water = 1): .86
Solubility in Water: ~ 75%
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: 725.00 F (385.0 C)
Decomposition Temperature: No data.
Viscosity: No data.

9.2 Other Information

Percent Volatile: 100.0 % by weight.

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. T
10.5 Incompatibility - Materials To Avoid: Contact with oxidizing agents.
10.6 Hazardous Decomposition or Byproducts: Carbon monoxide.

Section 11. Toxicological Information

- 11.1 Information on Toxicological Effects:**
 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.

Section 12. Ecological Information

- 12.1 Toxicity:** No data available.
12.2 Persistence and Degradability: No data available.
12.3 Bioaccumulative Potential: No data available.
12.4 Mobility in Soil: No data available.
12.5 Results of PBT and vPvB assessment: No data available.
12.6 Other adverse effects: No data available.



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Section 13. Disposal Considerations

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

Section 14. Transport Information

14.1 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

14.2 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 EMS Page: **IMDG MFAG Number:**
Marine Pollutant: No

14.3 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

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)
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

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
108-88-3	Toluene	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
111-76-2	Ethanol, 2-Butoxy-	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)

International Regulatory Lists

64742-49-0	Naphtha (petroleum), hydrotreated light	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
108-88-3	Toluene	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
111-76-2	Ethanol, 2-Butoxy-	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes



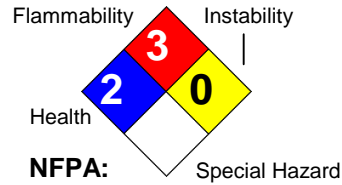
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Section 16. Other Information

Revision Date: 08/10/2017

Hazard Rating System:



Additional Information About Not for sale in the US.

This Product:

Company Policy or

Disclaimer:

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