

Max Clean

Revision: 07/16/2015

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Supersedes Revision: 01/30/2012

1. Product and Company Identification

Product Code: C192 **Product Name:** Max Clean

CYCLO INDUSTRIES, INC. **Company Name: Phone Number:**

902 SOUTH US HIGHWAY 1 (800)843-7813

JUPITER, FL 33477

Web site address: www.cyclo.com ehs@cyclo.com **Email address:**

First Aid Emergency (800)752-7869 **Emergency Contact:**

CHEMTREC (703) 527-3887 (800)424-9300 First Aid Emergency (Outside U.S.) (312)906-6194

2. Hazards Identification

Emergency Overview:

Information:

Potential Health Effects No data available.

(Acute and Chronic):

Medical Conditions Generally None known when used as directed.

Aggravated By Exposure:

3. Composition/Information on Ingredients

CAS# **Hazardous Components (Chemical Name)** Concentration 111-76-2 Ethanol, 2-Butoxy-< 5.0 % < 1.0 % 102-71-6 Triethanolamine 75-28-5 Isobutane (2-Methylpropane) <10.0 %

4. First Aid Measures

Emergency and First Aid

Procedures:

If swallowed, induce vomiting only as directed by a physician. If inhaled, remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. In case of skin contact, wipe off with towel. Wash with soap and water. In case of eye contact, wash immediately with large volumes of fresh water for at least 15 minutes. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flammability Classification: NFPA Level 1 Aerosol -156.00 F (-104.4 C) Flash Pt:

LEL: 2.1 UEL: 13 **Explosive Limits:**

Autoignition Pt: No data.

Suitable Extinguishing Media: CO2 or dry chemical for small fires. Foam for large fires.

Addition of water fog will aid in reducing burning rate. Use of NIOSH self-contained **Fire Fighting Instructions:**

breathing apparatus in confined areas. Use water spray to cool fire-exposed containers.

Flammable Properties and

Hazards:

Flammable vapors may travel along floor to be ignited by distant ignition sources. Containers exposed to fire may develop sufficient internal pressure to rupture with

explosive force.

No data available.



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6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Eliminate all ignition sources (vapor flammable). Ventilate area. At area where vapors may collect, wear SCBA breathing apparatus. Small spills should be flushed with large amounts of water. Large spills should be absorbed on non-flammable absorbent material for disposal. A release of 500 pounds or more may trigger the reporting requirements of CERCLA Section 103.

7. Handling and Storage

Precautions To Be Taken in

Handling:

Keep away from ignition sources. Do not puncture or attempt to open pressurized container under any circumstances. Dispose of container properly. Use only as directed.

Keep out of the reach of children.

Precautions To Be Taken in

Store and use in cool, dry, well-ventilated areas.

Storing:

8. Exposure Controls/Personal Protection

CAS#	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
102-71-6	Triethanolamine	No data.	TLV: 5 mg/m3	No data.
75-28-5	Isobutane (2-Methylpropane)	No data.	No data.	No data.

Respiratory Equipment

None necessary when product is used as directed. Avoid prolonged or repeated

(Specify Type):

breathing of vapors.

Eye Protection: None necessary when product is used as directed. Always avoid contact with eyes.

None necessary when product is used as directed. **Protective Gloves:**

Other Protective Clothing:

Engineering Controls

(Ventilation etc.):

No data available.

Always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust

acceptable.

9. Physical and Chemical Properties

[X] Liquid [] Solid **Physical States:** [] Gas

Clear liquid fragranced product. Appearance and Odor:

pH: 9.9 **Melting Point:**

0.00 F (-17.8 C) - 0.00 F (-17.8 C) **Boiling Point:**

No data.

Flash Pt: -156.00 F (-104.4 C)

> 1 **Evaporation Rate:**

No data available. Flammability (solid, gas):

Explosive Limits: LEL: 2.1 UEL: 13

Vapor Pressure (vs. Air or

mm Hg):

45 - 50psig

Vapor Density (vs. Air = 1): No data. Specific Gravity (Water = 1): .99

Solubility in Water: Complete

Percent Volatile: 6.0 % by weight.

Autoignition Pt: No data.



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10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Keep away from heat or ignition sources. **Conditions To Avoid -**

Instability:

Incompatibility - Materials To Strong oxidizing agents.

Avoid:

Hazardous Decomposition or Combustion of liquid may form oxides of carbon and nitrogen.

Byproducts:

Possibility of Hazardous Will occur []

Reactions:

Conditions To Avoid -No data available.

Hazardous Reactions:

11. Toxicological Information

Will not occur [X]

Toxicological Information: No data available.

CAS#	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
102-71-6	Triethanolamine	n.a.	3	n.a.	n.a.
75-28-5	Isobutane (2-Methylpropane)	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Incineration of liquid, incineration or landfill of contaminated absorbent in accordance with **Waste Disposal Method:**

federal, state and local regulations. Contact local authorities for proper disposal method.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Consumer Commodity

ORM-D **DOT Hazard Class:** ORM-D

UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, Ltd. Qty.

UN Number: 1950 **Packing Group:**

2.1 **Hazard Class:** N.A. **IMDG Classification:**

IMDG MFAG Number:

IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols, flammable, 2.1, Ltd Qty

1950 **UN Number: Hazard Class:** N.A.



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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)			
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230			
102-71-6	Triethanolamine	No	No	No			
75-28-5	Isobutane (2-Methylpropane)	No	No	No			
CAS#	Hazardous Components (Chemical Name)	Other US EPA or State Lists					
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: Part 5; NC TAP: Yes - Cat.; NJ EHS: Yes - 0275; NY Part 597: No; PA HSL: Yes - 1; SC TAP: Yes - Cat.; WI Air: Yes					
102-71-6	Triethanolamine	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8D TERM; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 4094; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes					
75-28-5	Isobutane (2-Methylpropane)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1040; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No					
CAS#	Hazardous Components (Chemical Name)	International Regulatory Lists					
111-76-2	Ethanol, 2-Butoxy-	Canadian DSL: Yes	s; Canadian NDSL: N	lo; Taiwan TCSCA:			
102-71-6	Triethanolamine	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes					
75-28-5	Isobutane (2-Methylpropane)	Canadian DSL: Yes	s; Canadian NDSL: N	lo; Taiwan TCSCA:			

16. Other Information

Hazard Rating System:



Additional Information About No data available.

This Product:

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