

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:** C392
Product Name: Max Clean
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | | |
|--------------------------|---|----------------------|---------------|
| Company Name: | CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477 | Phone Number: | (800)843-7813 |
| Web site address: | www.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:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 2A
Skin Sensitization, Category 1
Target Organ Systemic Toxicity (single exposure), Category 3
- 2.1.2 Classification according to Directive 1999/45/EC:**
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**

**GHS Signal Word:** Warning**GHS Hazard Phrases:**

H332: Harmful if inhaled.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H316: Causes mild skin irritation.

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

GHS Precaution Phrases:

P271: Use only outdoors or in a well-ventilated area.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P362+364: Take off contaminated clothing and wash it before reuse.

P272: Contaminated work clothing should not be allowed out of the workplace.

GHS Response Phrases:

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P332+313: If skin irritation occurs, get medical advice/attention.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists, get medical advice/attention.

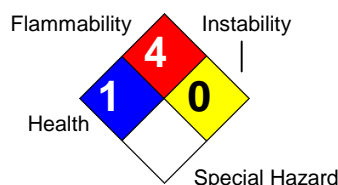
GHS Storage and Disposal Phrases:

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

P403+233: Store container tightly closed in well-ventilated place.

2.2.2 Labeling according to Directive 1999/45/EC:

Hazard Rating System:



2.3 Adverse Human Health Inhalation: Irritation of respiratory tract.

Effects and Symptoms:

Eye: Irritation ; possible damage from large doses.

Ingestion: Irritation of gastro-intestinal tract.

Skin: Possible irritation from large doses.

Medical Conditions None known when used as directed.

Generally Aggravated

By Exposure:

Section 3. Composition/Information on Ingredients

Section 3. Composition/Information on Ingredients				
CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
111-76-2	Ethanol, 2-Butoxy-	< 2.0 %	203-905-0 603-014-00-0	Xn; R20/21/22-36/38 Acute Tox.(O) 4: H302 Acute Tox.(D) 4: H312 Skin Corr. 2: H315 Eye Damage 2A: H319 Acute Tox.(I) 4: H332
102-71-6	Triethanolamine	< 1.0 %	203-049-8 NA	Xi; R43-36 Skin Corr. 2: H315 Eye Damage 2A: H319 Skin Sens. 1: H317 TOST (SE) 3: H335 H336
75-28-5	Isobutane (2-Methylpropane)	<10.0 %	200-857-2 601-004-01-8	F+;T; R45-46-12 Flam. Gas 1: H220 Comp. Gas: H280



Section 4. First Aid Measures

4.1 Description of First Aid Measures: 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.

Section 5. Fire Fighting Measures

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

5.2 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.

Flammability Classification: NFPA Level 1 Aerosol

Flash Pt: -156.00 F (-104.4 C)

Explosive Limits: LEL: 2.1 UEL: 13

Autoignition Pt: No data.

5.3 Fire Fighting Instructions: Addition of water fog will aid in reducing burning rate. Use of NIOSH self-contained breathing apparatus in confined areas. Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

6.3 Methods and Material For Containment and Cleaning Up: 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.

Section 7. Handling and Storage

7.1 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.

7.2 Precautions To Be Taken in Storing: Store and use in cool, dry, well-ventilated areas.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
111-76-2	Ethanol, 2-Butoxy-	TWA: 123 mg/m3 (25 ppm) STEL: 246 mg/m3 (50 ppm)	TWA: 9.8 mg/m3 (2 ppm) STEL: 147.6 mg/m3 (30 ppm)	TWA: 98 mg/m3 STEL: 246 mg/m3
102-71-6	Triethanolamine	No data.	No data.	No data.
75-28-5	Isobutane (2-Methylpropane)	No data.	No data.	No data.
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.



8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust acceptable.

8.2.2 Personal protection equipment:

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

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

Other Protective Clothing: No data available.

Respiratory Equipment (Specify Type): None necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors.

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 liquid fragranced product.

pH: 9.9

Melting Point: No data.

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

Flash Pt: -156.00 F (-104.4 C)

Evaporation Rate: > 1

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

Autoignition Pt: No data.

9.2 Other Information

Percent Volatile: 6.0 % 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 or ignition sources.

10.5 Incompatibility - Materials To Avoid: Strong oxidizing agents.

10.6 Hazardous Decomposition Or Byproducts: Combustion of liquid may form oxides of carbon and nitrogen.



Section 11. Toxicological Information

11.1 Information on Toxicological Effects: 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.

Section 12. Ecological Information

Section 13. Disposal Considerations

13.1 Waste Disposal Method: Incineration of liquid, incineration or landfill of contaminated absorbent in accordance with federal, state and local regulations. Contact local authorities for proper disposal method.

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Consumer Commodity
DOT Hazard Class: ORM-D ORM-D
UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name:
UN Number:
Hazard Class: N.A.

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, Ltd. Qty.
UN Number: 1950
Hazard Class: N.A.
Packing Group:
IMDG Classification: 2.1

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols, flammable, 2.1, Ltd Qty
UN Number: 1950
Hazard Class: N.A.

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)
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: 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: 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:



SAFETY DATA SHEET

Max Clean

Revision: 03/03/2014

Supersedes Revision: 01/30/2012

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: 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; Canadian NDSL: No; Taiwan TCSCA: Yes

102-71-6 Triethanolamine

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

75-28-5 Isobutane (2-Methylpropane)

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

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

No data available.

Section 16. Other Information

Revision Date: 03/03/2014

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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