

1. Product and Company Identification

Product Code: C392
Product Name: Max Clean
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 (800)752-7869
CHEMTREC (703) 527-3887 (800)424-9300

Information: First Aid Emergency (Outside U.S.) (312)906-6194

2. Hazards Identification

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
Specific Target Organ Toxicity (single exposure), Category 3
Flammable Aerosols, Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: H222: Extremely flammable aerosol.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H316: Causes mild skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H280: Contents under pressure. May explode if heated.

GHS Precaution Phrases: P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P211: Do not spray on an open flame or any other ignition source.
P251: Do not pierce or burn, even after use.
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.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P362+364: Take off contaminated clothing and wash it before reuse.

GHS Response Phrases: P370+378: In case of fire, use CO2 or dry chemical for small fires. Use foam for large fires.
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.



SAFETY DATA SHEET

Max Clean

Revision: 04/02/2015
Supersedes Revision: 09/12/2014

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.
P403+233: Store container tightly closed in well-ventilated place.
P405: Store locked up.
P410+412: Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

GHS Storage and Disposal Phrases:

Potential Health Effects (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
106-97-8	Butane	3.0 %
111-76-2	Ethanol, 2-Butoxy-	2.0 %
74-98-6	Propane	1.0 %
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	1.0 %

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. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flammability Classification: NFPA Level 1 Aerosol

Flash Pt: -156.00 F (-104.4 C)

Explosive Limits: LEL: .7 UEL: 12.7

Autoignition Pt: No data.

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

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.

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.



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 heat/sparks/open flames/hot surfaces - No smoking. Do not spray on an open flame or any other ignition source. Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash it before reuse. Keep out of the reach of children.

Precautions To Be Taken in Storing: Store container tightly closed in well-ventilated place. Store locked up. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
106-97-8	Butane	No data.	TLV: (800 ppm)	No data.
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
74-98-6	Propane	PEL: 1000 ppm	TLV: (2500 ppm)	No data.
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	No data.	No data.	No data.

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

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.

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

9. Physical and Chemical Properties

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

Appearance and Odor: Clear liquid fragranced product.

Melting Point: No data.

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

Autoignition Pt: No data.

Flash Pt: -156.00 F (-104.4 C)

Explosive Limits: LEL: .7 UEL: 12.7

Specific Gravity (Water = 1): .99

Vapor Pressure (vs. Air or mm Hg): 45 - 50psig

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: > 1

Solubility in Water: Complete



pH: 9.9
Percent Volatile: 6.0 % by weight.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Keep away from heat or ignition sources.
Incompatibility - Materials To Avoid: Strong oxidizing agents.
Hazardous Decomposition Or Byproducts: Combustion of liquid may form oxides of carbon and nitrogen.
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
106-97-8	Butane	n.a.	n.a.	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
74-98-6	Propane	n.a.	n.a.	n.a.	n.a.
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	n.a.	3	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, Ltd. Qty.
UN Number: 1950
Hazard Class: N.A. **ADR Classification:** 2.1

MARINE TRANSPORT (IMDG/IMO):

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

AIR TRANSPORT (ICAO/IATA):

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



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)
106-97-8	Butane	No	No	No
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
74-98-6	Propane	No	No	No
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

106-97-8	Butane	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 - 0273; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
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
74-98-6	Propane	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 - 1594; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	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

CAS # Hazardous Components (Chemical Name)

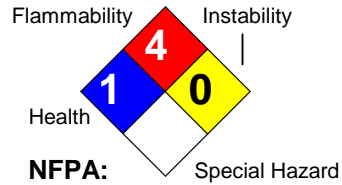
International Regulatory Lists

106-97-8	Butane	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
111-76-2	Ethanol, 2-Butoxy-	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
74-98-6	Propane	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 04/02/2015

Hazard Rating System:



Additional Information About This Product: No data available.

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.