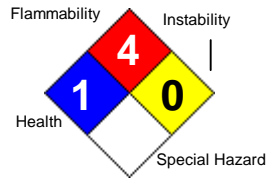




# MATERIAL SAFETY DATA SHEET

## Max Clean

CYCLO INDUSTRIES, INC.  
902 SOUTH US HIGHWAY 1  
JUPITER, FL 33477



Revision: 01/30/2012  
Supersedes Revision: 08/05/2010  
Date Created: 08/05/2010

## 1. Product and Company Identification

**Product Code:** C-392  
**Product Name:** Max Clean  
**Manufacturer Information**  
**Company Name:** CYCLO INDUSTRIES, INC.  
**Phone Number:** (800)843-7813  
**Fax Number:** (561)745-3867  
**Emergency Contact:** First Aid Emergency (800)222-1222  
**Alternate Emergency Contact:** Chemtrec (703) 527-3887 (800)424-9300  
**Information:** First Aid Emergency (Outside U.S.) (312)906-6194  
**Web site address:** www.cyclo.com  
**Email address:** ehs@cyclo.com

## 2. Hazards Identification

### Emergency Overview

DANGER: Combustible. Eye & skin irritant. Contents under pressure.

### Potential Health Effects (Acute and Chronic)

Inhalation: Irritation of respiratory tract.

Eye: Irritation ; possible damage from large doses.

Ingestion: Irritation of gastro-intestinal tract.

Skin: Possible irritation from large doses.

### Signs and Symptoms Of Exposure

No data available.

### Medical Conditions Generally Aggravated By Exposure

None known when used as directed.

## 3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Ethanol, 2-Butoxy-	111-76-2	< 2.0 %
2. Triethanolamine	102-71-6	< 1.0 %
3. Isobutane (2-Methylpropane)	75-28-5	<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

<b>Flammability Classification:</b>	NFPA Level 1 Aerosol
<b>Flash Pt:</b>	-156.00 F (-104.4 C)
<b>Explosive Limits:</b>	LEL: 2.1 UEL: 13
<b>Autoignition Pt:</b>	No data available.

### 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.

### Hazardous Combustion Products

No data available.

### Suitable Extinguishing Media

CO2 or dry chemical for small fires. Foam for large fires.

### Unsuitable Extinguishing Media

No data available.

## 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 Storing

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

## 8. Exposure Controls/Personal Protection

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



**Work/Hygienic/Maintenance Practices**

No data available.

**9. Physical and Chemical Properties**

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**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: 2.1 UEL: 13  
**Specific Gravity (Water = 1):** .99  
**Vapor Pressure (vs. Air or mm Hg):** 45 - 50psig  
**Vapor Density (vs. Air = 1):** No data.  
**Evaporation Rate (vs Butyl Acetate=1):** > 1  
**Solubility in Water:** Complete  
**Percent Volatile:** 6.0 % by weight.  
**pH:** 9.9

**Appearance and Odor**

Clear liquid fragranced product.

**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**

No data available.

**Chronic Toxicological Effects**

No data available.

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

**12. Ecological Information**

No data available.



**13. Disposal Considerations**

**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.

**14. Transport Information**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name** Consumer Commodity  
**DOT Hazard Class:** ORM-D  
**DOT Hazard Label:** ORM-D

**AIR TRANSPORT (ICAO/IATA)**

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

**MARINE TRANSPORT (IMDG/IMO)**

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

**Additional Transport Information**

No data available.

**15. Regulatory Information**

**US EPA SARA Title III**

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Ethanol, 2-Butoxy-	111-76-2	No	No	Yes-Cat. N230	No
2. Triethanolamine	102-71-6	No	No	No	No
3. Isobutane (2-Methylpropane)	75-28-5	No	No	No	No

**Other US EPA or State Lists**

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Ethanol, 2-Butoxy-	111-76-2	No	No	Inventory	No
2. Triethanolamine	102-71-6	No	No	Inventory, 8D TERM	No
3. Isobutane (2-Methylpropane)	75-28-5	No	No	Inventory	No

Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Ethanol, 2-Butoxy-	111-76-2	TAC, Title 8	Yes	No	No
2. Triethanolamine	102-71-6	No	No	No	No
3. Isobutane (2-Methylpropane)	75-28-5	No	Yes	No	No

Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Ethanol, 2-Butoxy-	111-76-2	Yes - 0275	No	Yes - 1	No
2. Triethanolamine	102-71-6	Yes - 4094	No	Yes - 1	No
3. Isobutane (2-Methylpropane)	75-28-5	Yes - 1040	No	Yes - 1	No

Hazardous Components (Chemical Name)	CAS #	WI Air
1. Ethanol, 2-Butoxy-	111-76-2	Yes
2. Triethanolamine	102-71-6	Yes
3. Isobutane (2-Methylpropane)	75-28-5	No

**International Regulatory Lists**

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Ethanol, 2-Butoxy-	111-76-2	Yes	No	No

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Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
2. Triethanolamine	102-71-6	Yes	No	No
3. Isobutane (2-Methylpropane)	75-28-5	Yes	No	No

**SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:**

<b>Sec.302:</b>	EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
<b>Sec.304:</b>	EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
<b>Sec.313:</b>	EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
<b>Sec.110:</b>	EPA SARA 110 Superfund Site Priority Contaminant List

**TSCA (Toxic Substances Control Act) Lists:**

<b>Inventory:</b>	Chemical Listed in the TSCA Inventory.
<b>5A(2):</b>	Chemical Subject to Significant New Rules (SNURS)
<b>6A:</b>	Commercial Chemical Control Rules
<b>8A:</b>	Toxic Substances Subject To Information Rules on Production
<b>8A CAIR:</b>	Comprehensive Assessment Information Rules - (CAIR)
<b>8A PAIR:</b>	Preliminary Assessment Information Rules - (PAIR)
<b>8C:</b>	Records of Allegations of Significant Adverse Reactions
<b>8D:</b>	Health and Safety Data Reporting Rules
<b>8D TERM:</b>	Health and Safety Data Reporting Rule Terminations
<b>12(b):</b>	Notice of Export

**Other Important Lists:**

<b>CWA NPDES:</b>	EPA Clean Water Act NPDES Permit Chemical
<b>CAA HAP:</b>	EPA Clean Air Act Hazardous Air Pollutant
<b>CAA ODC:</b>	EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
<b>CA PROP 65:</b>	California Proposition 65
<b>CA TAC:</b>	California AB 1807 - Toxic Air Contaminants
<b>CA Title 8:</b>	California Hazardous Substances List: Title 8, Sec. 339
<b>MI CMR:</b>	Michigan Critical Materials Register
<b>MI Part 5:</b>	Michigan DEQ WRP Part 5 Pollutants List
<b>NC TAP:</b>	North Carolina Toxic Air Pollutants
<b>NJ EHS:</b>	New Jersey Environmental Hazardous Substances List
<b>NY Part 597:</b>	New York Part 597 List of Hazardous Substances
<b>PA HSL:</b>	Pennsylvania Hazardous Substances List
<b>SC TAP:</b>	South Carolina Toxic Air Pollutants
<b>WI Air:</b>	Wisconsin Reportable Air Contaminants

**International Regulatory Lists:**

<b>Canadian DSL:</b>	Canada Domestic Substances List
<b>Canadian NDSL:</b>	Canada Non-Domestic Substances List
<b>Taiwan TCSCA:</b>	Taiwan Toxic Chemical Substances Control Act of 1986



## 16. Other Information

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