



# MATERIAL SAFETY DATA SHEET

## Brake & Parts Clean CA 20% VOC

CYCLO INDUSTRIES, INC.  
401 MAPLEWOOD DRIVE  
SUITE 18  
JUPITER, FL 33458

|               |  |   |
|---------------|--|---|
| HEALTH        |  | 2 |
| FLAMMABILITY  |  | 3 |
| PHYSICAL HAZ. |  | 2 |
| PPE           |  |   |



Revision: 02/18/2010

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### 1. Product and Company Identification

**Product Code:** C-111CA20VOC  
**Product Name:** Brake & Parts Clean CA 20% VOC  
**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:** Shipping Emergency (Chemtrec) (800)424-9300  
**Information:** Emergency (Outside the U.S.) (312)906-6194  
**Web site address:** www.cyclo.com  
**Email address:** ehs@cyclo.com

### 2. Hazards Identification

#### Emergency Overview

Danger: extremely flammable. Contents under pressure. Harmful or fatal if swallowed. Vapor harmful. Keep away from heat, sparks and flame. Can cause nervous system depression.

#### Health Hazards (Acute and Chronic)

No data available.

#### Signs and Symptoms Of Exposure

No data available.

### 3. Composition/Information on Ingredients

| Hazardous Components (Chemical Name) | CAS #    | Concentration |
|--------------------------------------|----------|---------------|
| 1. Acetone                           | 67-64-1  | 65.0 -75.0 %  |
| 2. Toluene                           | 108-88-3 | 10.0 -15.0 %  |
| 3. Carbon dioxide                    | 124-38-9 | 5.0 -15.0 %   |
| 4. Heptane                           | 142-82-5 | 5.0 -10.0 %   |

### 4. First Aid Measures

#### Emergency and First Aid Procedures

If ingested, do not leave individual unattended. Seek medical attention immediately. Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and can cause severe lung damage. Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Remove contaminated clothing and shoes and launder before reuse. Wash skin with soap and water. Call physician immediately if adverse reaction occurs.

### 5. Fire Fighting Measures

**Flash Pt:** < 0.00 F (-17.8 C) Method Used: TAG Closed Cup  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Special Fire Fighting Procedures**

SCBA should be used whenever chemical fires are present. Contents under pressure. Cool exposed containers with water spray to prevent bursting.



**Unusual Fire and Explosion Hazards**

No data available.

**Hazardous Combustion Products**

Carbon dioxide, carbon monoxide.

**Suitable Extinguishing Media**

Carbon dioxide, dry chemicals, foam.

**Unsuitable Extinguishing Media**

No data available.

**6. Accidental Release Measures**

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

Wear appropriate protective clothing and equipment to prevent skin and eye contact. Contain any liquid from leaking containers. Remove sources of ignition. Increase area ventilation. Sweep or gather up material and place in proper container for disposal or recovery. Do not puncture or incinerate container. Contents under pressure. Clean up using dry procedures; avoid dusting. Sweep or gather up material and place in proper container for disposal or recovery. Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

**7. Handling and Storage**

**Precautions To Be Taken in Handling**

Use only in a well ventilated area. Danger: extremely flammable. Caution: contents under pressure. Keep away from heat and open flame. Do not puncture or incinerate. Keep out of the reach of children.

**Precautions To Be Taken in Storing**

Do not store above 120 degrees F. Do not store in passenger compartment of automobile.

**8. Exposure Controls/Personal Protection**

| Hazardous Components (Chemical Name) | CAS #    | OSHA TWA   | ACGIH TWA                         | Other Limits |
|--------------------------------------|----------|--|-----------------------------------|--------------|
| 1. Acetone                           | 67-64-1  | PEL: 1000 ppm  | TLV: 500 ppm<br>STEL: 750 ppm     | No data.     |
| 2. Toluene                           | 108-88-3 | PEL: 200 ppm<br>STEL: 500 ppm/(10min)<br>CEIL: 300 ppm | TLV: 50 ppm                       | No data.     |
| 3. Carbon dioxide                    | 124-38-9 | PEL: 5000 ppm  | TLV: 5000 ppm<br>STEL: 30,000 ppm | No data.     |
| 4. Heptane                           | 142-82-5 | PEL: 500 ppm   | TLV: 400 ppm                      | No data.     |

**Respiratory Equipment (Specify Type)**

Use and approved NIOSH organic vapor respirator below the TLV. If TLV is exceeded or overexposure is likely, use a positive pressure or self contained breathing apparatus.

**Eye Protection**

Wear safety glasses or goggles to protect against exposure.

**Protective Gloves**

Use chemical resistant gloves for prolonged skin contact.

**Other Protective Clothing**

Rubber apron.

**Ventilation**

Exhaust ventilation. Showers. Eyewash stations.

**9. Physical and Chemical Properties**

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Melting Point:** No data.  
**Boiling Point:** No data.



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|   |  |
|---|--|
| <b>Autoignition Pt:</b>                       | No data.                                       |
| <b>Flash Pt:</b>                              | < 0.00 F (-17.8 C) Method Used: TAG Closed Cup |
| <b>Explosive Limits:</b>                      | LEL: No data. UEL: No data.                    |
| <b>Specific Gravity (Water = 1):</b>          | No data.                                       |
| <b>Bulk density:</b>                          | No data.                                       |
| <b>Vapor Pressure (vs. Air or mm Hg):</b>     | No data.                                       |
| <b>Vapor Density (vs. Air = 1):</b>           | No data.                                       |
| <b>Evaporation Rate (vs Butyl Acetate=1):</b> | No data.                                       |
| <b>Solubility in Water:</b>                   | Negligible                                     |
| <b>Percent Volatile:</b>                      | 20.0 %   |
| <b>Heat Value:</b>                            | No data.                                       |
| <b>Particle Size:</b>                         | No data.                                       |
| <b>Corrosion Rate:</b>                        | No data.                                       |
| <b>pH:</b>                                    | No data.                                       |

### Appearance and Odor

Clear, colorless spray/mist with typical solvent odor.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

### Conditions To Avoid - Instability

Keep away from heat, sparks and flame. Temperature over 120 degrees F.

### Incompatibility - Materials To Avoid

Strong oxidizing agents. Strong acids.

### Hazardous Decomposition Or Byproducts

Carbon monoxide. Carbon dioxide.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

### Conditions To Avoid - Hazardous Reactions

Avoid excessive heat, sparks and open flame.

## 11. Toxicological Information

No data available.

### Carcinogenicity/Other Information

No data available.

| Hazardous Components (Chemical Name) | CAS #    | NTP  | IARC | ACGIH | OSHA |
|--------------------------------------|----------|------|------|-------|------|
| 1. Acetone                           | 67-64-1  | n.a. | n.a. | A4    | n.a. |
| 2. Toluene                           | 108-88-3 | n.a. | n.a. | A4    | n.a. |
| 3. Carbon dioxide                    | 124-38-9 | n.a. | n.a. | n.a.  | n.a. |
| 4. Heptane                           | 142-82-5 | n.a. | n.a. | n.a.  | n.a. |

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

### Waste Disposal Method

Disposal should be made in accordance with federal, state and local regulations.



## 14. Transport Information

### LAND TRANSPORT (US DOT)

**DOT Proper Shipping Name** ORM-D  
**DOT Hazard Label:** CLASS 9  
**UN/NA Number:** UN1950  
**DOT Hazard Class:** 9

### MARINE TRANSPORT (IMDG/IMO)

**IMDG/IMO Proper Shipping Name** Aerosols (Limited Quantity)  
**UN Number:** 1950  
**IMDG Classification:** 2.1  
**Marine Pollutant:** No

## 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. Acetone                           | 67-64-1  | No            | Yes 5000 LB | No            | Yes     |
| 2. Toluene                           | 108-88-3 | No            | Yes 1000 LB | Yes           | Yes     |
| 3. Carbon dioxide                    | 124-38-9 | No            | No          | No            | No      |
| 4. Heptane                           | 142-82-5 | 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. Acetone                           | 67-64-1  | No          | No        | Inventory          | No         |
| 2. Toluene                           | 108-88-3 | HAP         | Yes       | Inventory, 8A CAIR | Yes        |
| 3. Carbon dioxide                    | 124-38-9 | No          | No        | Inventory          | No         |
| 4. Heptane                           | 142-82-5 | No          | No        | Inventory, 8A PAIR | No         |

| Hazardous Components (Chemical Name) | CAS #    | CA TAC, Title 8 | MA Oil/HazMat | MI CMR, Part 5 | NC TAP |
|--------------------------------------|----------|-----------------|---------------|----------------|--------|
| 1. Acetone                           | 67-64-1  | Title 8         | Yes           | Part 5         | No     |
| 2. Toluene                           | 108-88-3 | TAC, Title 8    | Yes           | CMR, Part 5    | Yes    |
| 3. Carbon dioxide                    | 124-38-9 | Title 8         | Yes           | No             | No     |
| 4. Heptane                           | 142-82-5 | Title 8         | Yes           | No             | No     |

| Hazardous Components (Chemical Name) | CAS #    | NJ EHS | NY Part 597 | PA HSL  | SC TAP |
|--------------------------------------|----------|--------|-------------|---------|--------|
| 1. Acetone                           | 67-64-1  | 0006   | Yes         | Yes - E | No     |
| 2. Toluene                           | 108-88-3 | 1866   | Yes         | Yes - E | Yes    |
| 3. Carbon dioxide                    | 124-38-9 | 0343   | No          | Yes - 1 | No     |
| 4. Heptane                           | 142-82-5 | 1339   | No          | Yes - 1 | No     |

| Hazardous Components (Chemical Name) | CAS #    | WI Air |
|--------------------------------------|----------|--------|
| 1. Acetone                           | 67-64-1  | Yes    |
| 2. Toluene                           | 108-88-3 | Yes    |
| 3. Carbon dioxide                    | 124-38-9 | Yes    |
| 4. Heptane                           | 142-82-5 | No     |

### International Regulatory Lists

| Hazardous Components (Chemical Name) | CAS #    | Canadian DSL | Canadian NDSL | Taiwan TCSCA |
|--------------------------------------|----------|--------------|---------------|--------------|
| 1. Acetone                           | 67-64-1  | No           | No            | No           |
| 2. Toluene                           | 108-88-3 | No           | No            | No           |
| 3. Carbon dioxide                    | 124-38-9 | No           | No            | No           |
| 4. Heptane                           | 142-82-5 | No           | No            | No           |

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

**Sec.302:** EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. \* indicates 10000 LB TPQ if not volatile.



- Sec.304:** EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. \*\* indicates statutory RQ.
- Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110:** EPA SARA 110 Superfund Site Priority Contaminant List

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

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

**Other Important Lists:**

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

**International Regulatory Lists:**

- Canadian DSL:** Canada Domestic Substances List
- Canadian NDSL:** Canada Non-Domestic Substances List
- Taiwan TCSCA:** Taiwan Toxic Chemical Substances Control Act of 1986

**16. Other Information**

**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.