



# SAFETY DATA SHEET

## Parts, Tools & Brake Cleaner

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Revision: 12/14/2016

Supersedes Revision: 07/08/2015

### 1. Product and Company Identification

**Product Code:** C109  
**Product Name:** Parts, Tools & Brake Cleaner  
**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

**Carcinogenicity, Category 2**

**Serious Eye Damage/Eye Irritation, Category 2A**

**Toxic To Reproduction, Category 1B**

**Specific Target Organ Toxicity (single exposure), Category 3**

**Specific Target Organ Toxicity (repeated exposure), Category 2**



**GHS Signal Word:** Danger

**GHS Hazard Phrases:**  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H351: Suspected of causing cancer.  
H360: May damage fertility or the unborn child.  
H335: May cause respiratory irritation.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H411: Toxic to aquatic life with long lasting effects.  
H280: Contents under pressure. May explode if heated.

**GHS Precaution Phrases:**  
P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P281: Use personal protective equipment as required.  
P273: Avoid release to the environment.  
P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P271: Use only outdoors or in a well-ventilated area.  
P260: Do not breathe dust/fume/gas/mist/vapours/spray.

**GHS Response Phrases:**  
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
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.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P314: Get medical attention/advice if you feel unwell.

**GHS Storage and Disposal Phrases:**  
P405: Store locked up.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.



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

### Potential Health Effects (Acute and Chronic):

No data available.

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
127-18-4	Tetrachloroethylene	85.0 -100.0 %
124-38-9	Carbon dioxide	0.0 -15.0 %

## 4. First Aid Measures

### Emergency and First Aid Procedures:

If swallowed, do not induce vomiting. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin contact, wash with soap and water for 15 minutes. Remove contaminated clothing and shoes and launder before reuse. Call physician immediately if adverse reaction occurs.

## 5. Fire Fighting Measures

**Flash Pt:** No data. Method Used: TAG Closed Cup

**Explosive Limits:** LEL: N.D. UEL: N.D.

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. Use water spray to keep containers cool that are exposed to heat or flames.

**Fire Fighting Instructions:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Avoid skin contact.

**Flammable Properties and Hazards:** No data available.

**Hazardous Combustion Products:** Hydrogen chloride, phosgene, chlorine.

## 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. Avoid breathing vapor. When airborne exposure limits are exceeded use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Contain any liquids from leaking containers. Ventilate spill area. Soak up material with absorbent and place in chemical waste container. Avoid breathing vapors. Do not puncture or incinerate container. Contents under pressure. Leaking containers should be removed to an isolated, well-ventilated area and transferred to other suitable containers. Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid release to the environment.

P264: Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray.. Keep out of the reach of children.

**Precautions To Be Taken in Storing:** Store locked up. Store container tightly closed in well-ventilated place.



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### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
127-18-4	Tetrachloroethylene	PEL: 100 ppm STEL: 300 ppm/(5min/3hr) CEIL: 200 ppm	TLV: 25 ppm STEL: 100 ppm	No data.
124-38-9	Carbon dioxide	PEL: 5000 ppm	TLV: 5000 ppm STEL: 30,000 ppm	No data.

<b>Respiratory Equipment (Specify Type):</b>	Do not breathe vapor or mist. Use in a well ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.
<b>Eye Protection:</b>	Chemical goggles; also wear a face shield if splashing hazard exists.
<b>Protective Gloves:</b>	Avoid skin contact. Wear protective clothing and gloves.
<b>Other Protective Clothing:</b>	Avoid skin contact. Wear protective clothing and gloves.
<b>Engineering Controls (Ventilation etc.):</b>	Use in a well ventilated area. Local exhaust ventilation as necessary to maintain exposures to within applicable limits.

### 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [X] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Clear colorless liquid with faint sweet odor.
<b>pH:</b>	NE
<b>Melting Point:</b>	NE
<b>Boiling Point:</b>	250.00 F (121.1 C)
<b>Flash Pt:</b>	No data. Method Used: TAG Closed Cup
<b>Evaporation Rate:</b>	No data.
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: N.D. UEL: N.D.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	~ 13mmHg@20C
<b>Vapor Density (vs. Air = 1):</b>	~ 4.1
<b>Specific Gravity (Water = 1):</b>	No data.
<b>Solubility in Water:</b>	> 65%
<b>Octanol/Water Partition Coefficient:</b>	No data.
<b>Percent Volatile:</b>	NE
<b>Autoignition Pt:</b>	No data.
<b>Decomposition Temperature:</b>	No data.
<b>Viscosity:</b>	NE

### 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ] Stable [X]
<b>Conditions To Avoid - Instability:</b>	Do not expose to heat or store at temperatures above 120 degrees F. Avoid contact with open flame, electric arcs, or other hot surfaces that could cause thermal decomposition.
<b>Incompatibility - Materials To Avoid:</b>	Nitric acid, sulfuric acid, strong acids, contact with oxidizing agents, chlorine compounds, chloroform, alkalis, potassium t-butoxide, strong bases.
<b>Hazardous Decomposition or Byproducts:</b>	Carbon monoxide. The thermal decomposition products of this material are categorized as very toxic by the University of Pittsburgh toxicity of combustion products test method.
<b>Possibility of Hazardous</b>	Will occur [ ] Will not occur [X]



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### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
127-18-4	Tetrachloroethylene	Possible	2A	A3	n.a.
124-38-9	Carbon dioxide	n.a.	n.a.	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:**

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Aerosols (Tetrachloroethylene), 2.2 (6.1)  
**UN Number:** 1950  
**Hazard Class:** N.A.  
**IMDG EMS Page:**

**Packing Group:**  
**IMDG Classification:** 2.2  
**IMDG MFAG Number:**  
**Marine Pollutant:** No

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Aerosols, non-flammable, containing substances in Division 6.1, Packing Group III 2.2 (6.1)

### 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)
127-18-4	Tetrachloroethylene	No	Yes 100 LB	Yes
124-38-9	Carbon dioxide	No	No	No

**CAS # Hazardous Components (Chemical Name)**

127-18-4 Tetrachloroethylene

124-38-9 Carbon dioxide

**Other US EPA or State Lists**

CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR, 12(b); CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 1810; NY Part 597: Yes; PA HSL: Yes - B; SC TAP: Yes; WI Air: Yes

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: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes

**CAS # Hazardous Components (Chemical Name)**

127-18-4 Tetrachloroethylene

**International Regulatory Lists**

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



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124-38-9 Carbon dioxide

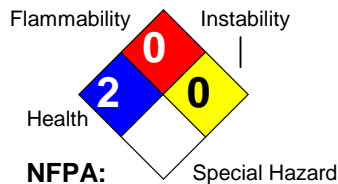
063-01 (1,2)

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

### 16. Other Information

**Revision Date:** 12/14/2016

**Hazard Rating System:**



**Additional Information About This Product:** Not for sale in CA, NJ, DE, NH.

**Company Policy or Disclaimer:**

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