

# SAFETY DATA SHEET

BRAKE PARTS CLEANER



## SECTION 1. PRODUCT INFORMATION

**Product Name:** BRAKE PARTS CLEANER

**Product Class:** CAR CARE PRODUCT

**Healthy Rating:** 2

**Flammability rating:** 1

**Reactivity Rating:** 1

**Fire:** 1

**PPE:** B

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Weight Percent
Carbon Dioxide	124389	
Ethylene Glycol	107211	1-5
Methanol	67561	70-75

## SECTION 3. HEALTH HAZARD INFORMATION

### **Acute Effects:**

### **Eye Hazards:**

Contact with eyes can cause irritation, burning, tearing redness and blurred vision.

May cause eye injury.

### **Skin Hazards:**

May cause skin irritation.

### **Ingestion Hazards:**

Contains methanol, may be fatal or cause blindness if swallowed.

### **Inhalation Hazards:**

Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea.

### **Chronic/Carcinogenicity Effects:**

May cause kidney and liver damage.

### **Signs and Symptoms:**

-Prolonged inhalation of vapor or mist may cause headache, dizziness and nausea.

-Prolonged contact with the skin causes irritation.

-Contact with eyes causes irritation and possible injury.

-Contains methanol, fatal or causes blindness if swallowed.

### **Conditions Aggravated By Overexposure:**

Pre-existing lung, liver, kidney, coronary and nervous system disorders.

### **Medical Conditions Aggravated by Exposure:**

Pre-existing eye, skin and respiratory disorders.

## SECTION 4. FIRST AID MEASURES

**Skin:**

Wash affected area thoroughly with soap and water.

**Eye:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**Ingestion:**

- Call a physician or a poison control center immediately.
- Contain methanol.
- Fatal or causes blindness if swallowed.
- If accidentally swallowed, call physician immediately.

**Inhalation:**

If overcome by vapor move victim to fresh air.

Seek doctor help immediately.

**SECTION 5. FIRE FIGHTING MEASURES**

**Flash Point (°F/C):** No flame projection

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.

**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

**Hazardous Products of Combustion:** Oxides of carbon, Hydrogen chloride, Irritating vapors

**Unusual Fire/Explosion Hazards:** Contents under pressure. Exposure to temperatures over 120 degrees F. may cause bursting or venting. Use equipment or shielding to protect personnel from bursting containers. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**Lower Explosive Limit:** Not determined

**Upper Explosive Limit:** Not determined

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Steps to Be Taken When Material Is Released or Spilled:**

- Evacuate area and ventilate.
- Remove leaking container and transfer remaining product to another vessel.
- Mop or soak up spill with absorbent material and transfer to disposal drums using non-sparking equipment.
- Store in closed containers.
- Do not flush product to sewer.

**SECTION 7. HANDLING AND STORAGE****Handling Precautions:**

Avoid getting spray into eyes. Keep out of reach of children.

**Storage Precautions:**

Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, and static electricity).

**Work/Hygienic Practices:**

Wash hands thoroughly after using this product.

**SECTION 8. CONTROL MEASURES****Respiratory Protection:**

None required if good ventilation is maintained.

If vapor concentration rises above TLV, use Napproved organic respirator or self-contained breathing apparatus.

**Ventilation:**

Use adequate ventilation to maintain TLV and prevent accumulation of vapors in low lying areas.

**Protective Gloves:**

Use solvent resistant gloves for liquid handling (Neoprene).

**Eye protection:**

Use safe and approved glasses.

**Other protective equipment:**

None

**Work/hygienic practices:**

Do no get in eyes, skin, or clothing.

Wash hands with soap and water after use and/or before breaks, lunch, and at the end of work periods.

Remove contaminated clothing and launder before reuse.

**SECTION 9. PHISICAL AND CHEMICAL PROPERTIES**

<b>Boiling point (F°):</b>	> 133°F
<b>Specific gravity (H2O = 1):</b>	0.762
<b>Vapor pressure ( mmHg) @ 100°F:</b>	> 75
<b>Percent volatile by volume (%):</b>	100
<b>Vapor density (Air = 1):</b>	Approx. 3.0
<b>Evaporation rate (n-butyl acetate=1):</b>	>1
<b>Solubility in water:</b>	60%

**SECTION 10. STABLITY AND REACTIVITY****Stability:**

Stable

**Conditions to Avoid:**

Open flames, electric arcs and other hot surfaces which may cause thermal decomposition.

**Incompatibility (Materials to Avoid):**

Oxygen and strong oxidizing agents. Will attack some forms of plastic and rubber.

**Hazardous Decomposition products:**

Carbon monoxide, carbon dioxide, if burned.

**Hazardous Polymerization:**

Will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

See Section 3

## SECTION 12. ECOLOGICAL INFORMATION

No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable state, federal and local regulations.

## SECTION 14. TRANSPORTATION INFORMATION

### DOT (49CFR 172)

#### Domestic Ground Transport

**DOT Shipping Name:** CONSUMER COMMODITY

**Hazard Class:** ORM-D

**UN/ID Number:** None

**Marine Pollutant:** Tetrachloroethylene

### IATA

**Proper Shipping Name:** Aerosols, nonflammable, containing substances in Division 6.1, Packing Group III

**Class or Division:** Division 2.2, Subsidiary Risk 6.1

**UN/NA Number:** UN 1950

### IMDG

**Proper Shipping:** Aerosols, (Tetrachloroethylene), Marine Pollutant, Limited Quantity

**Hazard Class:** Class 2, 6.1

**UN Number:** UN 195

## SECTION 15. REGULATORY INFORMATION

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

TETRACHLOROETHYLENE, XYLENE, ETHYL BENZENE

### CALIFORNIA PROP 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

### TSCA Inventory Status:

**Listed on Inventory: YES** All components of this product are listed (or exempt) on the EPA TSCA inventory.

\*\*\*\*\*End of MSDS\*\*\*\*\*

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