

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

**Product Information:** 1000026683

**Product Identifier:** CHLORINATED BRAKE PARTS CLEANER

**Recommended Use:** Cleaner

**Manufacturer/Importer/Distributor Information:** PLZ Corp.  
2651 WARRENVILLE RD, STE 300  
DOWNERS GROVE, IL 60515

800-332-9000

**Emergency Telephone:** 1-800-424-9300

## 2. Hazard(s) identification

### Classification

Aerosol, category 3  
Carcinogenicity, category 2

### Label elements

#### HAZARD PICTOGRAMS



### SIGNAL WORD

Warning

### GHS HAZARD STATEMENTS

H229 Pressurized container: may burst if heated  
H351 Suspected of causing cancer.

### GHS PRECAUTIONARY STATEMENTS

#### Prevention

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 Do not pierce or burn, even after use.  
P280 Wear protective gloves and protective clothing

#### Response

P308+P313 IF exposed or concerned: Get medical advice/attention.

#### Storage

P405 Store locked up.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

**Disposal**

P501

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other Information**

None

**3. Composition/Information on Ingredients**

**Mixtures**

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Perchloroethylene	127-18-4	80-100
Carbon Dioxide	124-38-9	1-5

*\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.*

**Composition Comments:** Other components are not hazardous or are below required disclosure limits. The exact concentration has been withheld as a trade secret.

**4. First-aid Measures**

**SKIN CONTACT:** Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

**EYE CONTACT:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

**INHALATION:** Move to fresh air.

**INGESTION:** Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

**IMPORTANT SYMPTOMS:** Suspected of causing cancer.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:** Get medical attention if symptoms occur.

**5. Fire-fighting Measures**

**EXTINGUISHING MEDIA:** Use fire-extinguishing media appropriate for surrounding materials.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use water jet as an extinguisher, as this will spread the fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Pressurized container may explode when exposed to heat or flame.

**SPECIAL FIREFIGHTING PROCEDURES:** No data available

**6. Accidental Release Measures**

**PERSONAL PRECAUTIONS :** No data available

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

**7. Handling and Storage**

**HANDLING:** Wear personal protective equipment.

**SAFE HANDLING ADVICE:** Observe good industrial hygiene practices.

**STORAGE:** No data available

**NFPA 30B:** Aerosol Level 1

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Perchloroethylene	25 ppm	100 ppm	100 ppm	200 ppm
Carbon Dioxide	5,000 ppm	30000 ppm	5000 ppm	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

**ENGINEERING CONTROLS:** Provide adequate ventilation.

### Personal Protection

**EYE/FACE PROTECTION:** Wear goggles/face shield.

**SKIN PROTECTION:** No data available

**RESPIRATORY PROTECTION:** Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

**HYGIENIC PRACTICES:** General industrial hygiene practice.

## 9. Physical and Chemical Properties

### Appearance:

<b>Physical State:</b>	Liquid
<b>Form:</b>	Spray Aerosol
<b>Color:</b>	No data available
<b>Odor:</b>	No data available
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Freeze Point, °C:</b>	No data available
<b>Boiling Point, °C:</b>	121
<b>Flash Point, °C:</b>	Not applicable to aerosols
<b>Flammability (solid, gas):</b>	Non-flammable Aerosol
<b>Evaporation Rate:</b>	No data available
<b>Combustibility:</b>	Does not Support Combustion
<b>Explosive Limits, %:</b>	No data available
<b>Vapor Pressure @20°C, PSI:</b>	80-105 @ 20C
<b>Relative Vapor Density:</b>	Heavier than Air
<b>Relative Density:</b>	No data available
<b>Solubility in Water:</b>	No data available
<b>Partition Coefficient, n-octanol/water:</b>	No data available
<b>Auto-Ignition Temperature, °C:</b>	No data available
<b>Decomposition temperature, °C:</b>	No data available
<b>Kinematic Viscosity:</b>	< 14 mm <sup>2</sup> /s or cSt
<b>Particle Characteristics:</b>	
<b>Size Range, microns (µm):</b>	No data available
<b>Percent under 10 microns:</b>	No data available

## 10. Stability and Reactivity

**REACTIVITY:** Not reactive under normal conditions of use.

**STABILITY:** Material is stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available

**CONDITIONS TO AVOID:** Avoid heat or contamination

**INCOMPATIBILITY:** No data available

**HAZARDOUS DECOMPOSITION PRODUCTS:** No data available

## 11. Toxicological Information

### Information on Likely Routes of Exposure

**SKIN CONTACT EFFECTS:** May cause irritation on prolonged or repeated contact.

**EYE CONTACT EFFECTS:** May cause slight irritation with tearing.

**INHALATION EFFECTS:** Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

**INGESTION EFFECTS:** Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

The following Chemicals are listed on IARC Monographs on the Evaluation of Carcinogenic Risk to Humans:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC Listing</u>
127-18-4	Perchloroethylene	IARC Group 2A,
56-23-5	Carbon Tetrachloride	IARC Group 2A,IARC Group 2B,

The following Chemicals are listed on the U.S. National Toxicology Program (NTP) Report on Carcinogens:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>NTP Listing</u>
127-18-4	Perchloroethylene	NTP Reasonably Anticipated to be Human Carcinogen
56-23-5	Carbon Tetrachloride	NTP Reasonably Anticipated to be Human Carcinogen

The following Chemicals are listed on U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>OSHA Listing</u>
127-18-4	Perchloroethylene	Present
56-23-5	Carbon Tetrachloride	Present

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

<u>ATE ORAL</u>	3,038 mg/kg
<u>ATE DERMAL</u>	5,005 mg/kg
<u>ATE INHALATION</u>	Not classified for acute toxicity based on available data.

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
127-18-4	Perchloroethylene	3,005 mg/kg	5000 mg/kg	100 mg/l
124-38-9	Carbon Dioxide	5000 mg/kg	5000 mg/kg	100 mg/l

N.I. = No Information

**Skin Corrosion & Irritation:**

**Product:** No data available

**Serious Eye Damage & Irritation:**

**Product:** No data available

**Respiratory or Skin Sensitization:**

**Product:** No data available

**STOT-Single Exposure:**

**Product:** No data available

**STOT-Repeated Exposure:**

**Product:** No data available

**Aspiration Hazard:**

**Product:** No data available

**Carcinogenicity:**

**Product:** No data available

**Components:**

Perchloroethylene                      127-18-4      Suspected of causing cancer

**Reproductive Toxicity:**

**Product:** No data available

**Germ Cell Mutagenicity:**

**Product:** No data available

**12. Ecological Information**

**ECOLOGICAL INFORMATION:** No data available

**PERSISTENCE:** No data available

**BIOACCUMULATE:** No data available

**MOBILITY IN SOIL:** No data available

**OTHER ECOLOGICAL:** No data available

**13. Disposal Information**

**DISPOSAL INFORMATION:** Consult with your local, regional and federal agencies for information on proper disposal.

**CONTAMINATED PACKAGING :** Consult with your local, regional and federal agencies for information on proper disposal.

**14. Transport Information**

**SPECIAL TRANSPORT PRECAUTIONS:** No data available

**DOT**

**UN Number:** UN1950  
**Proper Shipping Name:** AEROSOLS, NON-FLAMMABLE  
**Technical Name:** N/A  
**Hazard Class(es)**  
**Class:** 2.2  
**Subsidiary Risk** N/A  
**Packing Group:** N/A

**IATA**

**UN Number:** UN1950  
**Proper Shipping Name:** AEROSOLS, NON-FLAMMABLE  
**Technical Name:** N/A  
**Hazard Class(es)**  
**Class:** 2.2  
**Subsidiary Risk:** N/A  
**Packing Group:** N/A

**IMDG**

**UN Number:** UN1950  
**Proper Shipping Name:** AEROSOLS, NON-FLAMMABLE  
**Technical Name:** N/A  
**Hazard Class(es)**  
**Class:** 2.2  
**Subsidiary Risk:** N/A  
**Packing Group:** N/A  
**Marine Pollutant:** Yes

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

<b>15. Regulatory Information</b>
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**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.	Wt %
Perchloroethylene	127-18-4	97.46

**CHEMICAL INVENTORY STATUS:**

**TSCA** On or in compliance with the inventory  
**DSL** All ingredients in this product are listed on the DSL or are exempt.

**CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:****WARNING**

This product can expose you to chemicals including Perchloroethylene, Carbon Tetrachloride, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

<u>Chemical Name</u>	<u>CAS-No.</u>
Perchloroethylene	127-18-4
Carbon Tetrachloride	56-23-5

## 16. Other Information

**Revision Date:** 2/14/2025

**Datasheet produced by:** Regulatory Department

### **Legend**

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where the product use and frequency of exposure exceeds that established for the labeled consumer use.

### **Further Information**

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's and seller's control. Purchaser and user are responsible for determining the suitability of the product for a particular purpose, adopting precautions for the protection of property and persons, and compliance with all Federal, State, Provincial, and Local laws.