

Safety Data Sheet

Classified in accordance with SOR/2015-17

1. Product Identification

Product Information: 1000000318

Product Identifier: BRAKE PARTS CLEANER

Recommended Use: Cleaner

Manufacturer/Importer/Supplier Information: PLZ CORP
8001 KEELE STREET
VAUGHAN, ONTARIO L4K1Y8
CA
1-905-669-9855

Emergency Telephone: 866-836-8855

2. Hazard(s) identification

Classification

Flammable Aerosol, category 1
Skin Sensitizer, category 1
Eye Irritation, category 2A
STOT, single exposure, category 3, NE
Carcinogenicity, category 2
STOT, repeated exposure, category 2

Label elements

HAZARD PICTOGRAMS



SIGNAL WORD

Danger

GHS HAZARD STATEMENTS

H222 Extremely flammable aerosol.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

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.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe fumes, mists, vapours or spray.
P264+P265	Wash hands thoroughly after handling. Do not touch eyes.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear eye protection, face protection, protective gloves, and protective clothing
Response	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P318	IF exposed or concerned, get medical help.
P319	Get medical help if you feel unwell.
P333+P317	If skin irritation or rash occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
Storage	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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>Common Name and Synonyms</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Acetone		67-64-1	45-70
Methyl Acetate		79-20-9	10-30
Carbon Dioxide		124-38-9	5-10
Naphtha, (Petroleum), Hydrotreated Light		64742-49-0	1-5
Xylene		1330-20-7	1-5
Ethyl Benzene		100-41-4	1-5
n-Heptane		142-82-5	0.5-1.5
Methanol		67-56-1	0.1-1.0
d-Limonene		5989-27-5	0.1-1.0

* 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: Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

EYE CONTACT: Rinse immediately with plenty of water.

INHALATION: Move to fresh air.

INGESTION: Rinse mouth.

IMPORTANT SYMPTOMS: No data available

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: No data available

SPECIAL FIREFIGHTING PROCEDURES: No data available

6. Accidental Release Measures

PERSONAL PRECAUTIONS : Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

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: Keep away from sources of ignition - No smoking. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

SAFE HANDLING ADVICE: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

STORAGE: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

NFPA 30B: Aerosol Level 2

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>
Acetone	250 ppm	500 ppm	1000 ppm	N.E.
Methyl Acetate	200 ppm	250 ppm	200 ppm	N.E.
Carbon Dioxide	5,000 ppm	30000 ppm	5000 ppm	N.E.
Naphtha, (Petroleum), Hydrotreated Light	N.E.	N.E.	100 ppm	N.E.
Xylene	20 ppm	N.E.	100 ppm	N.E.
Ethyl Benzene	20 ppm	N.E.	100 ppm	N.E.
n-Heptane	400 ppm	500 ppm	500 ppm	N.E.
Methanol	200 ppm	250 ppm	200 ppm	N.E.
d-Limonene	N.E.	N.E.	N.E.	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: No data available.

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: When using do not smoke. Observe good industrial hygiene practices.

9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Form:	Spray Aerosol
Color:	No data available
Odor:	No data available
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	55
Flash Point, °C:	No data available
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	0.7 - 16.0
Vapor Pressure @20°C, PSI:	No data available
Vapor Density:	No data available
Relative Density:	No data available
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	No data available

10. Stability and Reactivity

REACTIVITY: No data available.

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

IMPORTANT SYMPTOMS: No data available

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.

CHRONIC HAZARDS: No data available

Carcinogenicity: contains 1 component (Ethyl Benzene) present at a level greater or equal to 0.1% that have been identified as possible carcinogenic to humans by IARC (Group 2B).

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>	24,179 mg/kg
<u>ATE DERMAL</u>	6,607 mg/kg
<u>ATE INHALATION</u>	340 mg/kg

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>
67-64-1	Acetone	5,800 mg/kg	7,426 mg/kg	50.1 mg/l
79-20-9	Methyl Acetate	6,482 mg/kg	2,000 mg/kg	49.0 mg/L Rat
124-38-9	Carbon Dioxide	5000 mg/kg	5000 mg/kg	100 mg/l
64742-49-0	Naphtha, (Petroleum), Hydrotreated Light	5,000 mg/kg	3,750 mg/kg	100 mg/l
1330-20-7	Xylene	3,523 mg/kg	1,100 mg/kg	11 mg/l
100-41-4	Ethyl Benzene	3,500 mg/kg	5,000 mg/kg	4000 mg/l
142-82-5	n-Heptane	5,000 mg/kg	2,000 mg/kg	29.29 mg/l
67-56-1	Methanol	100 mg/kg	500 mg/kg	128.2 mg/l
5989-27-5	d-Limonene	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

Components:

Methyl Acetate	79-20-9	Causes serious eye irritation.
Acetone	67-64-1	Causes serious eye irritation.

Respiratory or Skin Sensitization:

Product: No data available

Components:

d-Limonene	5989-27-5	May cause an allergic skin reaction.
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STOT-Single Exposure:

Product:		No data available
Components:		
n-Heptane	142-82-5	May cause drowsiness or dizziness.
Methyl Acetate	79-20-9	May cause drowsiness or dizziness.
Acetone	67-64-1	May cause drowsiness or dizziness.

STOT-Repeated Exposure:

Product:		No data available
Components:		
Ethyl Benzene	100-41-4	May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard:

Product:	No data available
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Carcinogenicity:

Product:		No data available
Components:		
Ethyl Benzene	100-41-4	Suspected of causing cancer

Reproductive Toxicity:

Product:	No data available
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Germ Cell Mutagenicity:

Product:	No data available
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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

TDG

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk	N/A
Packing Group:	N/A

IATA

UN Number: UN1950
Proper Shipping Name: AEROSOLS, FLAMMABLE
Technical Name: N/A
Hazard Class(es)
Class: 2.1
Subsidiary Risk: N/A
Packing Group: N/A

IMDG

UN Number: UN1950
Proper Shipping Name: AEROSOLS, FLAMMABLE
Technical Name: N/A
Hazard Class(es)
Class: 2.1
Subsidiary Risk: N/A
Packing Group: N/A

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.

15. Regulatory Information

CHEMICAL INVENTORY STATUS:

TSCA On or in compliance with the inventory
DSL On or in compliance with the inventory

16. Other Information

Revision Date: 8/17/2022
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 provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.