

Safety Data Sheet

Classified in accordance with SOR/2015-17

1. Product Identification

Product Information:	1000010930	Canadian Importer
Product Identifier:	GRILL & OVEN CLEANER	Advantage Maintenance Products Ltd.
Recommended Use:	Cleaner	105 Scott Ave Paris, ON N3L 3E7 (519) 442-7881
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 Corrosion, category 1A

Label elements

HAZARD PICTOGRAMS



SIGNAL WORD

Danger

GHS HAZARD STATEMENTS

H222	Extremely flammable aerosol.
H314	Causes severe skin burns and eye damage.

GHS PRECAUTIONARY STATEMENTS

Prevention

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.
P280	Wear protective gloves, protective clothing, eye protection, and face protection

Response

P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P361+P354	IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.

P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P354+P338	IF IN EYES: Immediately rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P316	Get emergency medical help immediately.
P317	Get medical help.
P321	Specific treatment (see...on this label).
P363	Wash contaminated clothing before reuse.

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.
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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>
Diethylene Glycol Monobutyl Ether		112-34-5	5-10
Sodium Hydroxide		1310-73-2	3-7
Propane		74-98-6	1-5
Butane		106-97-8	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: 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 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>
Diethylene Glycol Monobutyl Ether	10 ppm	N.E.	N.E.	N.E.
Sodium Hydroxide	N.E.	N.E.	2 mg/m3	2 mg/m3
Propane	N.E.	N.E.	1000 ppm	N.E.
Butane	N.E.	1000 ppm	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:	140
Flash Point, °C:	-104
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	1.9 - 9.5
Vapor Pressure @20°C, PSI:	70 - 90
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: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC, ACGIH, or NTP.

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>	16,442 mg/kg
<u>ATE DERMAL</u>	17,930 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>
112-34-5	Diethylene Glycol Monobutyl Ether	2,410 mg/kg	2,764 mg/kg	N.I.
1310-73-2	Sodium Hydroxide	5000 mg/kg	5000 mg/kg	100 mg/l
74-98-6	Propane	5,000 mg/kg	5,000 mg/kg	100 mg/l
106-97-8	Butane	5000 mg/kg	5000 mg/kg	658 mg/L Rat

N.I. = No Information

Skin Corrosion & Irritation:

Product:	No data available
Components:	
Sodium Hydroxide	1310-73-2 Causes severe skin burns and eye damage.

Serious Eye Damage & Irritation:

Product:	No data available
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Respiratory or Skin Sensitization:

Product:	No data available
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STOT-Single Exposure:

Product:	No data available
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STOT-Repeated Exposure:

Product:	No data available
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Aspiration Hazard:

Product:	No data available
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Carcinogenicity:

Product:	No data available
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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, containing substances in Class 8, packing group I
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk	8
Packing Group:	N/A

IATA

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, flammable, containing substances in Class 8, packing group I
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	8
Packing Group:	N/A

IMDG

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, flammable, containing substances in Class 8, packing group I
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	8
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 All ingredients in this product are listed on the DSL or are exempt.

16. Other Information

Revision Date: 9/1/2022

Datasheet produced by: Regulatory Department

Disclaimer: 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.

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

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