

ITW Permatex
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130-003

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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: Glass & Stainless Steel Cleaner
Product Type: Aerosol cleaner
Item Number: C23319

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	ACGIH; TLV-TWA	OSHA PEL
WATER 7732-18-5	>90	NA	NA
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	1-5	NA	NA
2-BUTOXYETHANOL 111-76-2	1-5	20 ppm	50 ppm; 240 mg/m ³

3. HAZARDS IDENTIFICATION

Effects of Acute Exposure: May cause eye and skin irritation
High concentrations of vapor or mist may be harmful or irritating if inhaled.
Ingestion may cause abdominal pain, vomiting

Primary Routes of Entry: Eyes, Skin, Inhalation

Signs and Symptoms of Exposure: Overexposure may cause eye and skin redness. Irritating to mucous membranes. Ingestion may cause nausea and vomiting.

Aggravated Medical Condition: None known. Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

Chronic Health Hazard: None known

4. FIRST AID MEASURES

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Contact a physician if irritation persists.

Skin Contact: Wash with soap and water. If skin irritation persists, call a physician. Remove contaminated clothing and launder before reuse.

Ingestion: If swallowed, DO NOT induce vomiting. Give victim water, call a physician immediately. Never give anything by mouth to an unconscious person

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

Notes to Physician: Treat symptomatically

5. FIRE FIGHTING MEASURES

Flash Point °F(C): No flame projection
Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam
Special Fire-Fighting Procedures: Wear suitable protective equipment. Use water spray to cool exposed containers.

Product Name: Glass & Stainless Steel Cleaner

5. FIRE FIGHTING MEASURES

Hazardous Products of Combustion:	Oxides of carbon, Oxides of nitrogen
Unusual Fire/Explosion Hazards:	Contents under pressure. Heated cans may burst. Do not puncture or incinerate container.
Sensitivity to Static Discharge:	Aerosol cans are under pressure and may explode in fire.
Mechanical Sensitivity:	Contents under pressure Use equipment or shielding to protect personnel from bursting containers
Lower Explosive Limit:	Not determined
Upper Explosive Limit:	Not determined

6. ACCIDENTAL RELEASE MEASURES

Clean up spills thoroughly as residue is slippery. Prevent from entering waterways or sewers. Contact the proper local authorities.

7. HANDLING AND STORAGE

Keep containers tightly closed in a cool, well-ventilated place. Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C). Keep out of the reach of children. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Safety glasses
Skin:	Wear chemical resistant gloves if repeated skin contact occurs or causes irritation.
Ventilation:	Use only in well ventilated area.
Respiratory Protection:	Not required under normal use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid	Odor:	Lemon.
Boiling Point:	>200° F/93.3° C	Freezing Point:	~32°F/ ~0°C
pH:	~10.8	Solubility in Water:	Completely soluble
Specific Gravity:	~0.97 g/ml	Vapor Pressure:	Not Determined
Vapor Density (Air=1):	>1	% Volatile:	Not Available
VOC(Wt.%):	<8% by weight	Evaporation Rate:	<1 (Butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Strong oxidizers
Conditions to Avoid:	Avoid temperatures greater than 100°F. Freezing conditions.
Hazardous Products of Combustion:	Oxides of carbon, Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

Product Toxicity

Eyes: No data available	Skin: No data available	Inhalation LC50: No data available	Oral LD50: No data available
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12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name:	Aerosols, Limited Quantity
Hazard Class:	Class 2.2
UN/ID Number:	UN 1950

TDG(Transport of Dangerous Goods) Canada

Proper Shipping Name:	Aerosols, Limited Quantity.
Hazard Class:	Class 2.2
UN/ID No:	UN 1950

Product Name: Glass & Stainless Steel Cleaner

14. TRANSPORTATION INFORMATION

IATA (Air)

Proper Shipping Name: Consumer Commodity
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Aerosols, Limited Quantity
Hazard Class: Class 2.2
UN Number: UN 1950
Marine Pollutant: None

15. REGULATORY INFORMATION

SARA 302 Extremely Hazardous Substances: None

SARA 313 Toxic Chemicals: 2-butoxyethanol (Glycol ethers)
SARA (311, 312) Hazard Class: Acute health hazard

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

California Proposition 65: No California Prop 65 chemicals are known to be present.

WHMIS Hazard Class: A COMPRESSED GAS

16. OTHER INFORMATION

Estimated HMIS Classification:

HEALTH 1, FLAMMABILITY 4, PHYSICAL HAZARD 0

(HMIS is a registered trademark of the National Paint and Coatings Association)

Estimated NFPA Rating:

HEALTH 1, FLAMMABILITY 4, REACTIVITY 0

(NFPA is a registered trademark of the National Fire Protection Association)

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