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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
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
AMMONIA SOLUTION 1336-21-6	0.1-1.0	NA	NA

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.

Medical Conditions Recognized as Being Aggravated by Exposure: 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.

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

Notes to Physician: Treat symptomatically

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): Not Determined

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam

Special Fire-Fighting Procedures: Wear suitable protective equipment. Use water spray to cool exposed containers.

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.

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5. FIRE FIGHTING MEASURES

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

Ground Transport (DOT)

DOT Shipping Name:	Consumer Commodity (not more than one liter).
Hazard Class:	ORM-D
UN/ID Number:	None

TDG(Transport of Dangerous Goods) Canada

Proper Shipping Name:	Consumer Commodity (Not more than 1 liter).
Hazard Class:	Class 9
UN/ID No:	ID 8000

15. REGULATORY INFORMATION

SARA 302 Extremely Hazardous Substances: None

Product Name: Glass & Stainless Steel Cleaner

15. REGULATORY INFORMATION

SARA 313 Toxic Chemicals: None
SARA (311, 312) Hazard Class: Acute health hazard FIRE 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: D2B TOXIC MATERIALS - IRRITANT

16. OTHER INFORMATION

Estimated HMIS Classification:
HEALTH 1, FLAMMABILITY 4, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Assn.

Estimated NFPA Rating:
HEALTH 1, FLAMMABILITY 4, REACTIVITY 0
NFPA is a registered trademark of the National Fire Protection Assn.

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