

Windex Powerized Foaming Glass Cleaner with Ammonia-D®

Version Number: 2 Preparation date: 2014-10-03

1. IDENTIFICATION

Product name: Windex Powerized Foaming Glass Cleaner with Ammonia-D®

 Product Code:
 990129

 SDS #:
 MS0800126

Recommended use:

• Industrial/Institutional
• Glass Cleaner

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:Canadian HeadquartersUS HeadquartersDiversey, Inc. - Canada

Diversey, Inc. 3755 Laird Road

8310 16th St. Mississauga, Ontario L5L 0B3
Sturtevant, Wisconsin 53177-1964 Phone: 1-800-668-3131

Phone: 1-888-352-2249 MSDS Internet Address: www.diversey.com

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Flammability Extremely flammable aerosol, Category 1



Signal Word: Danger

Precautionary Statements

EXTREMELY FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.

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. Do not pierce or burn, even after use. Do not incinerate. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C (122 °F) which may cause bursting. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION. DO NOT MIX WITH CHLORINE BLEACH, ACIDS, OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release hazardous gases.

Health hazards not otherwise classified (HHNOC) - Not applicable Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ RTU

This product is intended to be used neat.



Precautionary Statements

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS#	Weight %
Isobutane	75-28-5	3% - < 5%
1-butoxypropanol	5131-66-8	1% - < 3%

^{*}Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES

Undiluted Product:

Eves: Rinse with plenty of water. If irritation occurs and persists, get medical attention. Skin: Rinse with plenty of water. If irritation occurs and persists, get medical attention.

Inhalation: No specific first aid measures are required.

Ingestion: Rinse mouth with water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed Not applicable.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

Diluted Product:

This product is intended to be used neat.

Eyes: Rinse with plenty of water If irritation occurs and persists, get medical attention. Skin: Rinse with plenty of water If irritation occurs and persists, get medical attention.

Inhalation: No specific first aid measures are required

Ingestion: Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Specific methods: Use water spray to keep fire-exposed containers cool Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.

Aerosol product - Containers may rocket or explode in heat of fire. NFPA 30B Level 1 Aerosol. Specific hazards:

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition.

Environmental precautions Eliminate all ignition sources. Absorb spill with inert material (e.g. dry sand or earth), then place in a and clean-up methods:

chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Keep away from open flames, hot surfaces and sources of ignition. DO NOT MIX WITH CHLORINE BLEACH, ACIDS, OR ANY OTHER PRODUCT OR CHEMICAL. May react to release hazardous gases. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 degrees C or 120 degrees F. Exposure to heat may cause bursting. Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN. NFPA 30B Level 1 Aerosol. Aerosol Level (if applicable): Level 1

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	CAS#	ACGIH	OSHA
Isobutane	75-28-5	1000 ppm (STEL)	-
1-butoxypropanol	5131-66-8	-	-

Undiluted Product:

Engineering measures to reduce exposure:

No special ventilation requirements General room ventilation is adequate

Personal Protective Equipment

Eye protection:
Hand protection:
No special requirements under normal use conditions.
No special requirements under normal use conditions.
Skin and body protection:
No special requirements under normal use conditions.
Respiratory protection:
No special requirements under normal use conditions.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

This product is intended to be used neat.

Personal Protective Equipment

Eye protection:
Hand protection:
No special requirements under normal use conditions.
No special requirements under normal use conditions.
Skin and body protection:
No special requirements under normal use conditions.
Respiratory protection:
No special requirements under normal use conditions.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid Color: Translucent, Colorless

Evaporation Rate: No information available Odor: Characteristic

Odor threshold: No information available. Boiling point/range: Not determined

Melting point/range: Not determined Decomposition temperature: Not determined

Autoignition temperature: No information available

Solubility: Completely Soluble

Solubility in other solvents: No information available

Density: 8.34 lbs/gal 1 Kg/L

Bulk density: No information available

Relative Density (relative to water): 1

Vapor density: No information available

Vapor pressure: No information available.

Flash point: 19 °F -7 °C Partition coefficient (n-octanol/water): No information available

Dilution Flash Point: 19 °F -7 °C **Viscosity:** No information available

Elemental Phosphorus: 0.00 % by wt. VOC: 7.0 % *

pH: 11 VOC % by wt. at use dilution 7 % *
Dilution pH: 11 @ RTU Flammability (Solid or Gas): Not applicable

Metal Corrosion: Not determined Flame Extension (inches): 0

Explosion limits: - upper: Not determined - lower: Not determined

10. STABILITY AND REACTIVITY

Reactivity:
Stability:
Hazardous decomposition products:
Not Applicable
The product is stable
None reasonably foreseeable.

Materials to avoid: Strong acids. Do not mix with chlorinated products (such as bleach). Do not mix with any other product

or chemical.

Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition. Strong sunlight for prolonged

periods.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: May be mildly irritating to skin. Symptoms may include redness and/or transient discomfort.

^{* -} Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

Eye contact: May be mildly irritating to eyes.

Ingestion: No information available. Inhalation: No information available. Sensitization: No known effects.

Numerical measures of toxicity

ATE - Oral (mg/kg): > 5,000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Contaminated Packaging: Do not re-use empty containers. RCRA Hazard Class (undiluted product): D001 Ignitable Waste

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, only available through Internet Explorer, http://naextranet.diversey.com/dot/, for up to date shipping information.

DOT (Ground) Bill of Lading Description: LTD. QTY.

IMDG (Ocean) Bill of Lading Description: UN1950, AEROSOLS, 2.1, LTD. QTY.

15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

RIGHT TO KNOW (RTK)

Ingredient(s)	CAS#	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Isobutane	75-28-5	X	X	X	-
1-butoxypropanol	5131-66-8	-	-	-	-
Propane	74-98-6	X	X	X	-
Hexyloxyethanol	112-25-4	-	X	-	-
Ammonium hydroxide	1336-21-6	X	Х	Х	Х

CERCLA/ SARA

Ingredient(s)	CAS#	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Hexyloxyethanol	112-25-4	> 0.1% - < 1%			X
Ammonium hydroxide	1336-21-6	> 0.1% - < 1%	1000		Х

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
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Hexyloxyethanol	X	
1 loxyloxy out at lot	^	

SARA 311/312 Hazard Categories

Immediate:

Delayed:

Fire:

Reactivity:

Sudden Release of Pressure:

X

Canada

Ingredient(s)	CAS#	NPRI
1-butoxypropanol	5131-66-8	X
Propane	74-98-6	X
Hexyloxyethanol	112-25-4	X

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 1 Flammability 4 Instability 0

Version Number: 2

Preparation date: 2014-10-03

Reason for revision: Not applicable Prepared by: NAPRAC

Additional advice:

• Does not contain an added fragrance

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