



Windex Powerized Foaming Glass Cleaner with Ammonia-D®

Version Number: 1

Preparation date: 2014-05-02

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:

US Headquarters Diversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-1964 Phone: 1-888-352-2249 MSDS Internet Address: www.diversey.com	Canadian Headquarters Diversey, Inc. - Canada 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
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Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Flammability Flammable aerosol, Category 2



Signal Word:

Danger

Precautionary Statements

FLAMMABLE AEROSOL. HEATING MAY CAUSE AN EXPLOSION. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.

Keep out of reach of children. 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.

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.

Windex Powerized Foaming Glass
Cleaner with Ammonia-D®

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Precautionary Statements

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:

Eyes: In case of contact, immediately flush with plenty of water. If eye irritation persists: Get medical advice/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: See undiluted product information above.

Skin: See undiluted product information above.

Inhalation: See undiluted product information above.

Ingestion: See undiluted product information above.

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.

Specific hazards:

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

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 and clean-up methods:

Absorb spill with inert material (e.g. dry sand or earth), then place in a 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. 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.

Aerosol Level (if applicable): Level 1

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
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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:** No special requirements under normal use conditions.
- Hand protection:** 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:** No special requirements under normal use conditions.
- Hand protection:** 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
- Evaporation Rate:** No information available
- Odor threshold:** No information available.
- Melting point/range:** Not determined
- Autoignition temperature:** No information available
- Solubility in other solvents:** No information available
- Density:** 8.34 lbs/gal 1 Kg/L
- Bulk density:** No information available
- Flash point:** 19 °F -7 °C
- Dilution Flash Point:** 19 °F -7 °C
- Elemental Phosphorus:** 0.00 % by wt.
- pH:** 11
- Dilution pH:** 11 @ RTU
- Metal Corrosion:** Not determined
- Flame Extension (inches):** 0
- Explosion limits:** - upper: Not determined - lower: Not determined
- Color:** Translucent, Colorless
- Odor:** Characteristic
- Boiling point/range:** Not determined
- Decomposition temperature:** Not determined
- Solubility:** Completely Soluble
- Relative Density (relative to water):** 1
- Vapor density:** No information available
- Vapor pressure:** No information available.
- Partition coefficient (n-octanol/water):** No information available
- Viscosity:** No information available
- VOC:** 7.0 % *
- VOC % by wt. at use dilution:** 7.0 % *
- Flammability (Solid or Gas):** Not applicable

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

10. STABILITY AND REACTIVITY

- Reactivity:** Not Applicable
- Stability:** The product is stable
- Hazardous decomposition products:** None reasonably foreseeable.
- Materials to avoid:** Strong acids.
- 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.
- Eye contact:** May be mildly irritating to eyes.
- Ingestion:** No information available.
- Inhalation:** No information available.
- Sensitization:** No known effects.

Numerical measures of toxicity

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.diverseyc.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	-	-	-	-

CERCLA/ SARA

SARA 311/312 Hazard Categories

Immediate: -
Delayed: -
Fire: X
Reactivity: -
Sudden Release of Pressure: X

Canada

Ingredient(s)	CAS #	NPRI
1-butoxypropanol	5131-66-8	X

16. OTHER INFORMATION

NFPA
Health 0
Flammability 4
Instability 0

Version Number: 1
Preparation date: 2014-05-02

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: • Does not contain an added fragrance

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