



Windex Powered Foaming Glass Cleaner (Aerosol)

| | | | | |
|-------------|---|------|--|-------------------------------|
| HMIS | | NFPA | | Personal protective equipment |
| Health | 1 | 1 | | |
| Fire Hazard | 4 | 4 | | |
| Reactivity | 0 | 0 | | |

Version Number: 3

Preparation date: 2006-02-23

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Windex Powered Foaming Glass Cleaner (Aerosol)

MSDS #: 126062003

Product code: 126062003, 90129

Recommended use: Cleaning product. Industrial/Institutional.

Manufacturer, importer, supplier:
 Consumer Branded Professional Products Canadian Headquarters
 JohnsonDiversey, Inc. JohnsonDiversey - Canada, Inc.
 8310 16th Street 2401 Bristol Circle
 Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1
 Phone: (888) 352-2248 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-851-917-8133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
 CAUTION. CONTENTS UNDER PRESSURE. MAY BE MILDLY IRRITATING TO EYES.

Principle routes of exposure: Skin contact. Eye contact. Inhalation.
Eye contact: May be mildly irritating to eyes.
Skin contact: None known.
Inhalation: May be irritating to nose, throat, and respiratory tract.
Ingestion: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

| Ingredient(s) | CAS # | Weight % | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-------------------|----------|----------|------------------|----------------------|--------------------|
| Isobutane | 75-28-5 | 5 - 10% | Not available | Not available | Not available |
| Isopropyl alcohol | 67-63-0 | 1 - 5% | 5000 mg/kg (rat) | 12800 mg/kg (rabbit) | 16000 ppm/8H (rat) |
| 2-butoxyethanol | 111-76-2 | 1 - 5% | 470 mg/kg (rat) | 220 mg/kg (rabbit) | 450 ppm (rat) |

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. Get medical attention if irritation occurs.
Skin contact: Rinse with plenty of water.
Inhalation: If breathing is affected, remove to fresh air. Get medical attention.
Ingestion: No specific first aid measures are required.
Aggravated Medical Conditions: None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.
Specific hazards: Aerosol product - Containers may rocket or explode in heat of fire. Keep product and empty container away from heat and sources of ignition. NFPA 30B Level 1 Aerosol .
Unusual hazards: None known
Specific methods: Aerosol Product - Containers may rocket or explode in heat of fire. Use water spray to keep fire-exposed containers cool.

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: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Use appropriate containment to avoid environmental contamination. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 degrees C or 120 degrees F. Do not pierce or burn, even after use. Store in a cool, dry, well ventilated area away from heat or open flame. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

| Ingredient(s) | CAS # | ACGIH | OSHA | Mexico |
|-------------------|----------|---------------------------------|---|---|
| Isopropyl alcohol | 67-63-0 | 400 ppm (STEL) 200 ppm (TWA) | 400 ppm (TWA) 980 mg/m ³ (TWA) | 500 ppm (STEL) 1225 mg/m ³ (STEL) 980 mg/m ³ (TWA) 400 ppm (TWA) |
| 2-butoxyethanol | 111-76-2 | 20 ppm (TWA) | Skin 240 mg/m ³ (TWA) 50 ppm (TWA) | 75 ppm (STEL) 380 mg/m ³ (STEL) 120 mg/m ³ (TWA) 28 ppm (TWA) |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Physical State: Aerosol | Bulk density: No information available |
| pH: 10.5 - 11 | Dilution pH: No information available. |
| Appearance: Aerosol | Vapor density: No information available |
| Color: Colourless | Evaporation rate: No information available |
| Odor: Ammoniacal | Boiling point/range: Not determined |
| Specific gravity: 0.96 | Melting point/range: Not determined |
| Density: 0.96 | Decomposition temperature: Not determined |
| VOC: 11.9 | Autoignition temperature: No information available |
| Flash point: <19.4 (°F) <-7 (°C) | Viscosity: No information available |
| Solubility: No information available | Partition coefficient (n-octanol/water): No information available |
| | Solubility in other solvents: No information available |

10. STABILITY AND REACTIVITY

Stability: The product is stable.
Polymerization: Hazardous polymerization does not occur.
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: None known.
Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral LD50 estimated to be greater than 5000 mg/kg
Component Information: See Section 3
Chronic toxicity: None known
Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known

Target organ effects: None known

HAZARDOUS COMPONENTS

| Ingredient(s) | CAS # | NTP | IARC | OSHA |
|-------------------|---------|-----|--------|------|
| Isopropyl alcohol | 67-63-0 | | 1 3 | X |

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

If possible, recycle empty aerosol cans to the nearest steel recycling center. Dispose of according to all federal, state and local applicable regulations.

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

U.S. Regulations

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

STATE RIGHT TO KNOW

| Ingredient(s) | CAS # | MARTK: | NJRTK: | PARTK: | RIRTK: |
|--------------------|-----------|--------|--------|--------|--------|
| Ammonium hydroxide | 1336-21-6 | X | X | - | - |
| Water | 7732-18-5 | - | - | - | - |
| Isopropyl alcohol | 67-63-0 | X | X | X | X |
| 2-butoxyethanol | 111-76-2 | X | X | X | X |
| Isobutane | 75-28-5 | X | X | X | - |

CERCLA / SARA

| Ingredient(s) | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|--------------------|-----------|------------|----------------------|-----------------------|-------------|
| Ammonium hydroxide | 1336-21-6 | 0.1 - 1.5% | 1000 | | |
| Isopropyl alcohol | 67-63-0 | 1 - 5% | | | X |
| 2-butoxyethanol | 111-76-2 | 1 - 5% | | | X |

| Ingredient(s) | CAA HAP | CAA ODS | CWA Priority Pollutants |
|-----------------|---------|---------|-------------------------|
| 2-butoxyethanol | X | | |

Canada

WHMIS hazard class: A Compressed gases, D2B Toxic materials.

| Ingredient(s) | CAS # | NPRI |
|-------------------|----------|------|
| Isopropyl alcohol | 67-63-0 | X |
| 2-butoxyethanol | 111-76-2 | X |

16. OTHER INFORMATION

Reason for revision: Not applicable
 Prepared by: NAPRAC
 Additional advice: None

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