


# WINDEX POWERIZED FOAMING GLASS & MULTI-PURPOSE CLEANER (AEROSOL)

National Fire Protection Association (NFPA)	Health		Reactivity	Hazardous Material Information System (HMIS)	Health	1
	Fire Hazard			4	Reactivity	0
Protective Clothing	None required.		Emergency Overview	Clear Aerosol. See Section 9. CAUTION: CONTENTS UNDER PRESSURE. May be mildly irritating to eyes.		

Section 1. Chemical Product and Company Identification	
Product Name	WINDEX POWERIZED FOAMING GLASS & MULTI-PURPOSE CLEANER (AEROSOL)
Product Use	Industrial/Institutional: Cleaning product.
MSDS#	126062003
U.S. Headquarters	Drackett Professional A Division of S.C. Johnson Commercial Markets, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249
Code	90129
PMS#	Not available.
Validation Date	5/15/2002
Print Date	5/15/2002
Supersedes	5/14/2002.
In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Ammonium Hydroxide	1336-21-6	< 1.0	Not available.	ORAL (LD50): Acute: 350 mg/kg [Rat].
2-Butoxyethanol	111-76-2	1-5	OSHA (United States). TWA: 120 mg/m <sup>3</sup> ACGIH (United States). TWA: 97 mg/m <sup>3</sup>	ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
Isopropyl Alcohol	67-63-0	1-5	OSHA (United States). TWA: 980 mg/m <sup>3</sup> STEL: 1225 mg/m <sup>3</sup> ACGIH (United States). TWA: 983 mg/m <sup>3</sup> STEL: 1230 mg/m <sup>3</sup>	ORAL (LD50): Acute: 5045 mg/kg [Rat]. DERMAL (LD50): Acute: 12800 mg/kg [Rabbit]. VAPOR (LC50): Acute: 16000 ppm 8 hour(s) [Rat].
Isobutane	75-28-5	1-5	Not available.	VAPOR (LC50): Acute: 0.0057 ppm 0.25 hour(s) [Rat].
Water	7732-18-5	60-100	Not available.	Not available.

Section 3. Hazards Identification	
Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<p><i>Eyes</i> May be mildly irritating to eyes.</p> <p><i>Skin</i> None known.</p> <p><i>Inhalation</i> May be irritating to nose, throat, and respiratory tract.</p> <p><i>Ingestion</i> None known.</p>
Medical Conditions Aggravated by Overexposure:	None known.
See Toxicological Information (section 11)	

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### Section 4. First Aid Measures

Eye Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Skin Contact	Rinse with plenty of running water.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	No specific first aid measures are required.

### Section 5. Fire Fighting Measures

Flammability of the Product	NFPA 30B Level 1 Aerosol.
Flash Points	CLOSED CUP: <-7°C (19.4°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide. Fight fire from protected location or maximum possible distance. In case of fire and/or explosion do not breathe fumes..
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8.).
Special Remarks on Fire and Explosion Hazards	Aerosol product - Containers may rocket or explode in heat of fire.

### Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8.).
Environmental Precautions and Clean-up Methods	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

### Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not puncture or incinerate.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. Pressurized container: protect from sunlight and do not expose to temperature exceeding 120°F (50°C). Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.

### Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
<i>Eyes</i>	No special requirements under normal use conditions.
<i>Hands</i>	No special requirements under normal use conditions.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	No special protective clothing is required.

### Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid. (Aerosol.)
Odor	Ammoniacal.
Color	Clear
pH	10.5 to 11 [Basic.]
Specific Gravity	0.96
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)
Solubility in water	Complete.

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### Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Excessive heat.
Incompatibility with Various Substances	Avoid mixing with: Chlorine products. Avoid mixing with: Chlorine based bleaching agents.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

### Section 11. Toxicological Information

Acute toxicity	ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

### Section 12. Ecological Information

Not available.

### Section 13. Disposal Considerations

Waste Information	If possible, recycle empty aerosol cans to the nearest steel recycling center. Use up package or give to someone who can. Dispose of according to all federal, state and local regulations.
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### Section 14. Transport Information

#### DOT Classification

**DOT Proper Shipping Name** Please refer to the Bill of Lading/receiving documents for up to date shipping information.

#### TDG Classification

**TDG Proper Shipping Name** Please refer to the Bill of Lading/receiving documents for up to date shipping information.  
**TDG Class**

### Section 15. Regulatory Information

#### Reporting in this section is based on ingredients disclosed in Section 2

#### US Regulations

**Federal** SARA 313 toxic chemical notification and release reporting: Isopropyl Alcohol  
Clean air act (CAA) 112 regulated flammable substances: Isobutane  
CERCLA: Hazardous substances.: 2-Butoxyethanol, Isopropyl Alcohol, Isobutane

**State** New Jersey spill list: 2-Butoxyethanol, Isopropyl Alcohol  
New Jersey: 2-Butoxyethanol, Isopropyl Alcohol, Isobutane  
Massachusetts spill list: 2-Butoxyethanol, Isopropyl Alcohol, Isobutane  
Massachusetts RTK: 2-Butoxyethanol, Isopropyl Alcohol, Isobutane  
Pennsylvania RTK: 2-Butoxyethanol, Isopropyl Alcohol, Isobutane

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

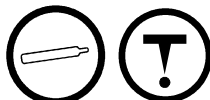
**Registered Product Information** Not applicable.

#### Canadian Regulations

**Canadian NPRI** Canadian NPRI: 2-Butoxyethanol.

**WHMIS Classification** Class A: Compressed gas.  
Class D-2B: Material causing other toxic effects (TOXIC).

**WHMIS Icon**



**WINDEX POWERIZED FOAMING GLASS &  
MULTI-PURPOSE CLEANER (AEROSOL)****Registered Product Information** Not applicable.**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.**Section 16. Other Information****Other Special Considerations** Not available.**Version** 1.01**Notice to Reader**

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