


# WINDEX GLASS CLEANER (AEROSOL)

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	0
	Health			0	Reactivity
Specific Hazard				Fire Hazard	4
				Reactivity	0

Protective Clothing	None required.	Emergency Overview	Clear Aerosol. See Section 9. CAUTION: CONTENTS UNDER PRESSURE.
---------------------	----------------	--------------------	--

## Section 1. Chemical Product and Company Identification

Product Name	WINDEX GLASS CLEANER (AEROSOL)	Code	90129
Product Use	Industrial/Institutional: Cleaning product.	PMS#	433206
MSDS#	126062001	Validation Date	04/19/2000
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	Print Date	04/20/2000	
	Supersedes	04/13/2000.	
	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	TWA: 120 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 97 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Rat].
Isobutane	75-28-5	1-5	Not available.	VAPOR (LC50): Acute: 0.0057 ppm 0.25 hours [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	
Eyes	None known.
Skin	None known.
Inhalation	May be irritating to nose, throat, and respiratory tract.
Ingestion	None known.
Medical Conditions Aggravated by Overexposure:	None known.
See Toxicological Information (section 11)	

## Section 4. First Aid Measures

Eye Contact	Rinse with plenty of running water.
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.

## WINDEX GLASS CLEANER (AEROSOL)

**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 breathing vapors or spray mists. Use only in well-ventilated areas.. Do not puncture or incinerate. FOR INDUSTRIAL USE ONLY
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 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 protective clothing is required.
<i>Hands</i>	No special protective clothing is required.
<i>Respiratory</i>	No special protective clothing is required.
<i>Feet</i>	No special protective clothing is required.
<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	10.2 to 11.2 [Basic.]
Specific Gravity	0.99
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)
Solubility in water	Complete.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	Excessive heat.
Incompatibility with Various Substances	Not available.
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.

**Section 14. Transport Information**

**DOT Classification**

**DOT Proper Shipping Name** Consumer Commodity

**DOT Class** ORM-D

**TDG Classification**

**TDG Class** Not applicable.

**Section 15. Regulatory Information**

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

**US Regulations**

**Federal** Clean air act (CAA) 112 regulated flammable substances: Isobutane  
 CERCLA: Hazardous substances.: 2-Butoxyethanol, Isobutane

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

**WHMIS Icon**



**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

**Notice to Reader**

*This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*