

# MATERIAL SAFETY DATA SHEET



## WINDEX POWERIZED FOAMING GLASS CLEANER (AEROSOL)

HMIS		NFPA	Personal protective equipment
Health	1	1	None / Aucune / Ninguno
Fire Hazard	4	4	
Reactivity	0	0	

Version Number: 4

Preparation date: 2006-11-20

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** WINDEX POWERIZED FOAMING GLASS CLEANER (AEROSOL)

**MSDS #:** 126062003

**Product code:** 90129

**Recommended use:** Cleaning product. Industrial/Institutional.

**Manufacturer, importer, supplier:**  
 Consumer Branded Professional Products  
 JohnsonDiversey, Inc.  
 8310 16th Street  
 Sturtevant, Wisconsin 53177-0902  
 Phone: (888) 352-2249

Canadian Headquarters  
 JohnsonDiversey - Canada, Inc.  
 2401 Bristol Circle  
 Oakville, Ontario L6H 6P1  
 Phone: 1-800-668-3131

**Emergency telephone number:** 1-800-851-7145 (Prosar); 1-651-917-6133 (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 - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Isopropyl alcohol	67-63-0	1 - 5%	=4396 mg/kg	=12800 mg/kg	=72.6 mg/L (4 h)
2-butoxyethanol	111-76-2	1 - 5%	=470 mg/kg	=220 mg/kg	=2.21 mg/L (4 h) =450 ppm (4 h)

### 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		980 mg/m <sup>3</sup> (TWA)	1225 mg/m <sup>3</sup> (STEL) 980 mg/m <sup>3</sup> (TWA)
2-butoxyethanol	111-76-2		Skin 240 mg/m <sup>3</sup> (TWA)	360 mg/m <sup>3</sup> (STEL) 120 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Aerosol	<b>Bulk density:</b>	No information available
<b>pH:</b>	10.5 - 11	<b>Dilution pH:</b>	No information available.
<b>Appearance:</b>	Aerosol	<b>Vapor density:</b>	No information available
<b>Color:</b>	Colourless	<b>Evaporation Rate</b>	No information available
<b>Odor:</b>	Ammoniacal	<b>Boiling point/range:</b>	Not determined
<b>Specific gravity:</b>	0.96	<b>Melting point/range:</b>	Not determined
<b>Density:</b>	8.01	<b>Decomposition temperature:</b>	Not determined
<b>VOC:</b>	11.9% *	<b>Autoignition temperature:</b>	No information available
<b>Flash point:</b>	<19.4 (°F) <-7 (°C)	<b>Partition coefficient (n-octanol/water):</b>	No information available
<b>Solubility:</b>	No information available	<b>Solubility in other solvents:</b>	No information available
<b>Viscosity:</b>	No information available	<b>Elemental Phosphorus:</b>	0 %P

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

## 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

## 11. TOXICOLOGICAL INFORMATION

### HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	NTP	IARC	OSHA
Isopropyl alcohol	67-63-0		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

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

### STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
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	-
Water	7732-18-5	-	-	-	-

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
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		

### SARA 311/312 Hazard Categories

Immediate: N  
 Delayed: N  
 Fire: Y  
 Reactivity: N  
 Sudden Release of Pressure: Y

### 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
Isobutane	75-28-5	X

## 16. OTHER INFORMATION

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

## 16. OTHER INFORMATION

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