


# WINDEX CONCENTRATE

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	2
	Health			2	Fire Hazard
				Reactivity	0
Protective Clothing		None required.	Emergency Overview	Clear Blue. Liquid. See Section 9. CAUTION: May cause eye irritation. HARMFUL IF SWALLOWED.	

## Section 1. Chemical Product and Company Identification

Product Name	WINDEX CONCENTRATE	Code	90136
Product Use	Industrial/Institutional: Cleaning product.	PMS#	433167
MSDS#	126012001	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
2-Butoxyethanol	111-76-2	10-30	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: 3000 mg/kg [Male. Rat]. 506 mg/kg [Male. Rat]. DERMAL (LD50): Acute: 406 mg/kg [Male. Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Female. Rat]. 486 ppm 4 hours [Male. Rat].
Water	7732-18-5	60-100	Not available.	Not Applicable.

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact. Ingestion.
Potential Acute Health Effects	<p><i>Eyes</i> May be moderately irritating to eyes.</p> <p><i>Skin</i> Prolonged or repeated contact may dry skin and cause irritation.</p> <p><i>Inhalation</i> May be irritating to nose, throat, and respiratory tract.</p> <p><i>Ingestion</i> May cause abdominal discomfort, nausea, vomiting and diarrhea.</p>
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

## Section 4. First Aid Measures

Eye Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin Contact	Rinse with plenty of running water.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

Flammability of the Product	None known.
Flash Points	CLOSED CUP: >100°C (212°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Special Remarks on Fire and Explosion Hazards	None known.

**Section 6. Accidental Release Measures**

Personal Precautions	Put on appropriate personal protective equipment (see Section 8.).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

**Section 7. Handling and Storage**

Handling	Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Use appropriate hygiene measures when handling product. FOR INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. 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 requirements under normal use conditions.
<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.
Odor	Ammoniacal.
Color	Clear Blue.
pH	10.4 to 11.4 [Basic.]
Specific Gravity	0.97
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	None known.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity ORAL (LD50) Between 2500 - 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 No special precautions. Dispose of according to all federal, state and local regulations.

**Section 14. Transport Information**

DOT Classification  
 Not regulated

TDG Classification  
 Not regulated

**Section 15. Regulatory Information**

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

US Regulations

Federal CERCLA: Hazardous substances.: 2-Butoxyethanol

State New Jersey spill list: 2-Butoxyethanol  
 New Jersey: 2-Butoxyethanol  
 Massachusetts spill list: 2-Butoxyethanol  
 Massachusetts RTK: 2-Butoxyethanol  
 Pennsylvania RTK: 2-Butoxyethanol

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 D-2B: Material causing other toxic effects (TOXIC).

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

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