

WINDEX CONCENTRATE

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

Section 1. Chemical Product and Company Identification

Product Name	WINDEX CONCENTRATE	Code	90136
Product Use	Industrial/Institutional: Cleaning product.	PMS#	3007857
MSDS#	126012003	Validation Date	9/24/2002
U.S. Headquarters Drackett Professional A Division of JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (800) 725-6737	Print Date		9/24/2002
	Supersedes		No Previous Validation.
	In Case of Emergency		(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Ammonia	1336-21-6	< 1.0	ACGIH (United States, 1998). TWA: 25 ppm STEL: 35 ppm OSHA (United States). TWA: 50 ppm	ORAL (LD50): Acute: 350 mg/kg [Rat]. 750 mg/kg [Cat].
2-Butoxyethanol	111-76-2	15-20	OSHA (United States). TWA: 120 mg/m ³ ACGIH (United States). TWA: 97 mg/m ³	ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 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. Ingestion.
Potential Acute Health Effects	
Eyes	May be moderately irritating to eyes.
Skin	Prolonged or repeated contact may dry skin and cause irritation.
Inhalation	May be irritating to nose, throat, and respiratory tract.
Ingestion	May cause abdominal discomfort, nausea, vomiting and diarrhea.
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 1-2 glasses of water or milk. 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: >93.333°C (200°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	Do not taste or swallow. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use appropriate hygiene measures when handling product. FOR COMMERCIAL AND 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	
Eyes	No special requirements under normal use conditions.
Hands	No special requirements under normal use conditions.
Respiratory	No special requirements under normal use conditions.
Feet	No special requirements under normal use conditions.
Body	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	0.992
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 2400 - 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.
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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.
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TDG Classification

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

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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.
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Section 16. Other Information

Other Special Considerations	Not available.
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Version	1.01
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