



**WINDEX Super Concentrate Glass Cleaner With Ammonia-D**

HMIS		NFPA	Personal protective equipment
Health	2	2	<b>None Required</b>
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 2

Preparation date: 2004-10-08

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** WINDEX Super Concentrate Glass Cleaner With Ammonia-D

**MSDS #:** F-00629004

**Product code:** 3481049

**Recommended use:** Glass Cleaner.

**Manufacturer, importer, supplier:**  
 US Headquarters: Canadian Headquarters  
 JohnsonDiversey, Inc. JohnsonDiversey - Canada, Inc.  
 8310 16th St. 2401 Bristol Circle  
 Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1  
 Phone: 1-888-352-2249 Phone: 1-800-668-3131  
 MSDS Internet Address:  
 www.johnsondiverse.com

**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. CONCENTRATE. CAUSES EYE IRRITATION.

**Principle routes of exposure:** Eyes. Skin. Inhalation.  
**Skin contact:** May be mildly irritating to skin.  
**Eye contact:** Moderately irritating to the eyes.  
**Inhalation:** May be irritating to nose, throat, and respiratory tract.  
**Ingestion:** May be irritating to mouth, throat and stomach.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**HAZARDOUS COMPONENTS**

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ammonium hydroxide	1336-21-6	1 - 5%	350 mg/kg (rat)	Not available	Not available
Alcohol ethoxylates	68439-46-3	0.1 - 1.5%	1378 mg/kg (rat)	2 g/kg (rabbit)	Not available
Ethyl alcohol	64-17-5	0.1 - 1.5%	7060 mg/kg (rat)	Not available	20 g/kg/10H (rat)

**4. FIRST AID MEASURES**

**Eye contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.  
**Skin contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.  
**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention.  
**Ingestion:** Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention.  
**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** Not applicable  
**Specific hazards:** Not applicable  
**Unusual hazards:** None known  
**Specific methods:** No special methods required

**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:** Use personal protective equipment  
**Environmental precautions and clean-up methods:** No information available

## 7. HANDLING AND STORAGE

**Handling:**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**

Protect from freezing . Keep tightly closed in a dry, cool and well-ventilated place. 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. If major exposure is possible, wear suitable protective clothing and footwear.  
**Respiratory protection:** No special requirements under normal use conditions.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice .

Ingredient	CAS #	ACGIH	OSHA	Mexico
Ethyl alcohol	64-17-5	1000 ppm (TWA)	1900 mg/m <sup>3</sup> 1000 ppm (TWA)	1900 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Liquid	<b>Appearance:</b> Aqueous solution
<b>Color:</b> Blue	<b>Boiling point/range:</b> Not determined
<b>Odor:</b> Ammoniacal	<b>Melting point/range:</b> Not determined
<b>Specific gravity:</b> 1.002	<b>pH:</b> 10.5
<b>Dilution pH:</b> No information available	<b>Density:</b> 8.35
<b>Bulk density:</b> No information available	<b>Decomposition temperature:</b> Not determined
<b>Vapor density:</b> No information available	<b>Autoignition temperature:</b> No information available
<b>Evaporation rate:</b> No information available	<b>Solubility:</b> Soluble
<b>Solubility in other solvents:</b> No information available	<b>VOC:</b> 0.125
<b>Viscosity:</b> No information available	<b>Flash point:</b> >200 (°F) >93.3 (°C)
<b>Partition coefficient (n-octanol/water):</b> No information available	

## 10. STABILITY AND REACTIVITY

**Stability:** Stable.  
**Polymerization:** Hazardous polymerisation does not occur  
**Hazardous decomposition products:** Ammoniacal vapors .  
**Materials to avoid:** Do not mix with chlorinated products .  
**Conditions to avoid:** Do not mix with any other product or chemical .

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg, Inhalation, No data available.  
**Component Information:** See Section 3  
**Chronic toxicity:** Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin..

**Specific effects**  
**Carcinogenic effects:** None known .  
**Mutagenic effects:** None known .  
**Reproductive toxicity:** No information available.

Target organ effects: None known .

## 12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

## 13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:  
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

### 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	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Ammonium hydroxide	1336-21-6	Listed	Listed	Listed	-	Listed	Listed
Alcohol ethoxylates	68439-46-3	-	-	-	-	-	-
Ethyl alcohol	64-17-5	Listed	Listed	Listed	Listed	Listed	Listed
Water	7732-18-5	-	-	-	-	-	-

### CERCLA / SARA

Ingredient	CAS #	Weight %	RQ	Section 302/TPQs	Section 313
Ammonium hydroxide	1336-21-6	1 - 5%	1000 LBS		
Ethyl alcohol	64-17-5	0.1 - 1.5%	100 LBS		

### Canada

WHMIS hazard class: D2B Toxic materials .



## 16. OTHER INFORMATION

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

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