

# Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



## WINDEX® COMMERCIAL LINE GLASS CLEANER WITH AMMONIA-D®

Version 1.1

Print Date 08/22/2014

Revision Date 12/05/2012

MSDS Number 350000014153

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : WINDEX® COMMERCIAL LINE GLASS CLEANER WITH AMMONIA-D®

Use of the Substance/Mixture : Hard Surface Cleaner

Company : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406  
24 Hour International Emergency Phone: (703)527-3887  
24 Hour Transport Emergency Phone: (800)424-9300

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : blue / liquid / pleasant

**Immediate Concerns** : Avoid contact with skin, eyes and clothing.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause:  
Mild eye irritation

Skin : Prolonged or repeated contact may dry skin and cause irritation.

Inhalation : No adverse effects expected when used as directed.

Ingestion : May cause irritation to mouth, throat and stomach.  
May cause abdominal discomfort.

Aggravated Medical Condition : Persons with pre-existing skin disorders may be more susceptible to irritating effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain hazardous chemicals at or above a reportable level as defined by OSHA 29 CFR 1910.1200 or Canadian Controlled Products Regulations.

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For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

## 4. FIRST AID MEASURES

- |              |   |  |
|--------------|---|--|
| Eye contact  | : | Rinse with plenty of water. Get medical attention if irritation develops and persists. |
| Skin contact | : | Rinse with plenty of water. Get medical attention if irritation develops and persists. |
| Inhalation   | : | No special requirements  |
| Ingestion    | : | Rinse mouth with water.  |

## 5. FIREFIGHTING MEASURES

- |                                      |   |  |
|--------------------------------------|---|--|
| Suitable extinguishing media         | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.   |
| Specific hazards during firefighting | : | Container may melt and leak in heat of fire.   |
| Further information                  | : | Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. |
| Flash point                          | : | 85 °C<br>185 °F<br>Method: ASTM D 56   |
| Lower explosion limit                | : | Note: no data available  |
| Upper explosion limit                | : | Note: no data available  |

## 6. ACCIDENTAL RELEASE MEASURES

- |                           |   |  |
|---------------------------|---|--|
| Personal precautions      | : | No special precautions required.                         |
| Environmental precautions | : | Outside of normal use, avoid release to the environment. |
| Methods for cleaning up   | : | Soak up with inert absorbent material.                   |

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Sweep up and shovel into suitable containers for disposal.  
Dike large spills.  
Clean residue from spill site.

## 7. HANDLING AND STORAGE

### Handling

Advice on safe handling : Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

### Storage

Requirements for storage areas and containers : Keep container closed when not in use.  
Keep in a dry, cool and well-ventilated place.

Other data : Stable under normal conditions.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

### Personal protective equipment

**Respiratory protection** : No personal respiratory protective equipment normally required.

**Hand protection** : No special requirements.

**Eye protection** : No special requirements.

**Skin and body protection** : No special requirements.

**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : blue

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Odor	:	pleasant
pH	:	10.7
Boiling point	:	no data available
Freezing point	:	no data available
Flash point	:	85 °C 185 °F Method: ASTM D 56
Evaporation rate	:	no data available
Flammability (solid, gas)	:	Does not sustain combustion.
Auto-ignition temperature	:	no data available
Lower explosion limit	:	no data available
Upper explosion limit	:	no data available
Vapour pressure	:	no data available
Density	:	0.997 g/cm <sup>3</sup> at 20 °C
Water solubility	:	soluble
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Volatile Organic Compounds Total VOC (wt. %)*	:	0.5 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations

## 10. STABILITY AND REACTIVITY

Conditions to avoid	:	Direct sources of heat.
Materials to avoid	:	Strong oxidizing agents
Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous reactions	:	Stable under recommended storage conditions.

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## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50  
estimated  
> 5,000 mg/kg

Acute inhalation toxicity : LC50  
estimated  
> 2.58 mg/l

Acute dermal toxicity : LD50  
estimated  
> 5,000 mg/kg

### Chronic effects

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : Not known to be a sensitizer.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data available

## 13. DISPOSAL CONSIDERATIONS

Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.  
Consumer may discard empty container in trash, or recycle where facilities exist.

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### 14. TRANSPORT INFORMATION

#### Land transport

▪ **U.S. DOT and Canadian TDG Surface Transportation:**

Proper shipping name      not regulated  
Class:                              None.  
UN/ID No.:                      None.  
Packaging group              None.

#### Sea transport

▪ *IMDG:*

Proper shipping name      not regulated  
Class:                              None.  
UN/ID No.:                      None.  
Packaging group              None.

#### Air transport

▪ *ICAO/IATA:*

Proper shipping name      not regulated  
Class:                              None.  
UN/ID No.:                      None.  
Packaging group              None.

### 15. REGULATORY INFORMATION

Notification 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.

Notification status              : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65              : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Canada Regulations             : This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

### 16. OTHER INFORMATION

#### HMIS Ratings

Health

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<b>Flammability</b>	2
<b>Reactivity</b>	0

### NFPA Ratings

<b>Health</b>	1
<b>Fire</b>	2
<b>Reactivity</b>	0
<b>Special</b>	-

#### Further information

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Prepared by:	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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