

# Material Safety Data Sheet

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



## WINDEX® ORIGINAL GLASS CLEANER WITH AMMONIA-D®

Version 1.

Print Date 02/01/2010

Revision Date 01/06/2010

MSDS Number 350000014153  
SITE\_FORM Number  
30000000000000010965.001

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : WINDEX® ORIGINAL 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 : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647

### 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 : None known.

Skin : None known.

Inhalation : None known.

Ingestion : None known.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Water	7732-18-5	60.00 - 100.00

### 4. FIRST AID MEASURES

Eye contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.

## Material Safety Data Sheet

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



### WINDEX® ORIGINAL GLASS CLEANER WITH AMMONIA-D®

Version 1.

Print Date 02/01/2010

Revision Date 01/06/2010

MSDS Number 350000014153  
SITE\_FORM Number  
30000000000000010965.001

Skin contact : Rinse with plenty of water.  
Inhalation : Remove to fresh air.  
Ingestion : No special requirements

#### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog  
Specific hazards during fire fighting : 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. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.  
Flash point : 85 °C  
Method: ASTM D 56  
Flash point : 185 °F  
Method: ASTM D 56  
Lower explosion limit : Note: no data available  
Upper explosion limit : Note: no data available

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.  
Methods for cleaning up : Soak up with inert absorbent material.  
Sweep up and shovel into suitable containers for disposal.  
Dike large spills.

#### 7. HANDLING AND STORAGE

##### Handling

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

## Material Safety Data Sheet

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



### WINDEX® ORIGINAL GLASS CLEANER WITH AMMONIA-D®

Version 1.

Print Date 02/01/2010

Revision Date 01/06/2010

MSDS Number 350000014153  
SITE\_FORM Number  
30000000000000010965.001

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

#### Storage

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

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

- Industrial setting : No personal respiratory protective equipment normally required.
- Household setting : No personal respiratory protective equipment normally required.

#### Hand protection

- Industrial setting : not required under normal use
- Household setting : not required under normal use

#### Eye protection

- Industrial setting : No special requirements.
- Household setting : No special requirements.

**Hygiene measures** : Use only with adequate ventilation. Wash thoroughly after handling. Wear suitable protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

# Material Safety Data Sheet

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



## WINDEX® ORIGINAL GLASS CLEANER WITH AMMONIA-D®

Version 1.

Print Date 02/01/2010

Revision Date 01/06/2010

MSDS Number 350000014153  
SITE\_FORM Number  
30000000000000010965.001

Color	:	blue
Odor	:	pleasant
pH	:	10.7
Boiling point	:	no data available
Freezing point	:	no data available
Flash point	:	85 °C Method: ASTM D 56
Flash point	:	185 °F Method: ASTM D 56
Evaporation rate	:	no data available
Flammability (solid, gas)	:	Does not sustain combustion.
Autoignition 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 (California Air Resource Board – CARB) Total VOC (wt. %)	:	0.5 % - does not include any applicable regulatory exemptions

### 10. STABILITY AND REACTIVITY

Conditions to avoid	:	None known.
Materials to avoid	:	Strong oxidizing agents
Hazardous decomposition	:	When exposed to fire, produces normal products of

## Material Safety Data Sheet

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



### WINDEX® ORIGINAL GLASS CLEANER WITH AMMONIA-D®

Version 1.

Print Date 02/01/2010

Revision Date 01/06/2010

MSDS Number 350000014153  
SITE\_FORM Number  
30000000000000010965.001

products combustion.

Hazardous reactions : Stable

#### 11. TOXICOLOGICAL INFORMATION

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

Acute inhalation toxicity : LC50  
estimated  
> 2.58 mg/l

Acute dermal toxicity : no data available

**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

Industrial setting : Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.

Household setting : Consumer may discard empty container in trash, or recycle where facilities exist.

# Material Safety Data Sheet

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



## WINDEX® ORIGINAL GLASS CLEANER WITH AMMONIA-D®

Version 1.

Print Date 02/01/2010

Revision Date 01/06/2010

MSDS Number 350000014153  
SITE\_FORM Number  
30000000000000010965.001

### 14. TRANSPORT INFORMATION

#### Land transport

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

UN-Number: None.  
Proper shipping name: not regulated  
Class: None.  
Packaging group: None.

#### Sea transport

- *IMDG:*

UN-Number: None.  
Packaging group: None.  
Proper shipping name: not regulated  
Class: None.

#### Air transport

- *ICAO/IATA:*

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

# Material Safety Data Sheet

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



## WINDEX® ORIGINAL GLASS CLEANER WITH AMMONIA-D®

Version 1.

Print Date 02/01/2010

Revision Date 01/06/2010

MSDS Number 350000014153  
SITE\_FORM Number  
30000000000000010965.001

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

### NFPA Ratings

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

#### Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

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