

# Material Safety Data Sheet

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

## WINDEX® COMMERCIAL LINE™ ORIGINAL GLASS CLEANER

Version 1.0

Print Date 03/04/2011

Revision Date 01/06/2010

MSDS Number 350000014153

SITE\_FORM Number

3000000000000010965.001

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : WINDEX® COMMERCIAL LINE™ ORIGINAL GLASS CLEANER

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

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develops and persists.

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.

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Use only as directed.

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.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	liquid
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

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#### 10. STABILITY AND REACTIVITY

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

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#### 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.

#### 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).

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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

##### HMS Ratings

Health	0
Flammability	2
Reactivity	0

##### NFPA Ratings

Health	0
Fire	2
Reactivity	0
Special	

##### Further information

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