

# Material Safety Data Sheet

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



## WINDEX® MULTI-SURFACE CLEANER - VINEGAR

Version 1.1

Print Date 01/09/2012

Revision Date 06/27/2011

MSDS Number 350000017346

SITE\_FORM Number

300000000000000012756.002

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : WINDEX® MULTI-SURFACE CLEANER - VINEGAR

Use of the Substance/Mixture : Hard Surface Cleaner

Company : S.C. Johnson and Son, Limited  
1 Webster Street  
Brantford ON N3T 5R1

Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647  
24 Hour Canadian Transport Emergency Phone (CANUTEC) (613) 996-6666

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : colourless transparent / liquid / pleasant

Immediate Concerns : No adverse effects expected when used as directed.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : No adverse effects expected when used as directed.

Skin : No adverse effects expected when used as directed.

Inhalation : No adverse effects expected when used as directed.

Ingestion : May cause abdominal discomfort.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

Chemical Name	CAS-No.	Weight percent
Ethleneglycol	112-25-4	1.00 - 5.00

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Monohexylether		
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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.  |
| Inhalation   | : | No special requirements  |
| Ingestion    | : | No special requirements  |

### 5. FIRE-FIGHTING MEASURES

- |                                       |   |   |
|---------------------------------------|---|---|
| Suitable extinguishing media          | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  |
| Specific hazards during fire fighting | : | Container may melt and leak in heat of fire.  |
| Further information                   | : | 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. |
| Flash point                           | : | > 95 °C<br>> 203 °F<br>Method: Tag Closed Cup (TCC)   |
| 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.<br>Sweep up and shovel into suitable containers for disposal. |

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

#### Storage

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

### 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 : Use only with adequate ventilation.

**Hand protection** : No special requirements.

##### *Eye protection*

Industrial setting : No special requirements.

Household setting : Avoid contact with eyes.

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

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

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Color	: colourless transparent
Odor	: pleasant
pH	: 3.3
Boiling point	: no data available
Freezing point	: no data available
Flash point	: > 95 °C > 203 °F Method: Tag Closed Cup (TCC)
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Autoignition temperature	: no data available
Lower explosion limit	: no data available
Upper explosion limit	: no data available
Vapour pressure	: no data available
Density	: no data available
Water solubility	: completely 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	: None known.
Materials to avoid	: Strong oxidizing agents

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Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous reactions : Stable under recommended storage conditions.

### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50  
estimated  
> 5,050 mg/kg

Acute inhalation toxicity : LC50  
estimated  
2.58 mg/l

Acute dermal toxicity : LD50  
estimated  
> 5,050 mg/kg

#### Chronic effects

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : Substance is not 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

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disposal.  
Consumer may discard empty container in trash, or recycle  
where facilities exist.

### 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping 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.

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### 16. OTHER INFORMATION

#### HMIS Ratings

Health	0
Flammability	1
Reactivity	0

#### NFPA Ratings

Health	0
Fire	1
Reactivity	0
Special	

#### Further information

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