

# Material Safety Data Sheet

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



## WINDEX® MINI CONCENTRATE GLASS & SURFACE CLEANER

Version 2.0

Print Date 03/28/2012

Revision Date 02/14/2012

MSDS Number 350000017365  
SITE\_FORM Number  
3000000000000012760.001

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : WINDEX® MINI CONCENTRATE GLASS & SURFACE CLEANER

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 / ammoniacal

#### Immediate Concerns

: Warning  
CAUSES EYE IRRITATION.  
CAUSES SKIN IRRITATION.  
Avoid contact with skin, eyes and clothing.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : Causes:  
Severe eye irritation  
May cause permanent eye injury.

Skin : Causes moderate skin irritation.

Inhalation : May cause nose, throat, and lung irritation.

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.  
Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible

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to irritating effects

#### 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
Ammonium Hydroxide	1336-21-6	1.00 - 5.00
Ethyl alcohol	64-17-5	0.10 - 1.00

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

#### 4. FIRST AID MEASURES

- Eye contact : Remove contact lenses. Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention immediately.
- Skin contact : Wash off immediately with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash clothing before reuse. Thoroughly clean shoes before reuse.
- Inhalation : Remove to fresh air.
- Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

#### 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 : 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 : > 93.3 °C

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> 199.94 °F

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear personal protective equipment.

Environmental precautions : Outside of normal use, avoid release to the environment.

Methods for cleaning up : Soak up with inert absorbent material.  
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 : Avoid contact with skin, eyes and clothing.  
Avoid breathing vapors, mist or gas.  
For personal protection see section 8.  
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.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Ethyl alcohol	64-17-5	1,900 mg/m3	1,000 ppm	-	OSHA TWA
Ethyl alcohol	64-17-5	-	1,000 ppm	-	ACGIH STEL

#### Personal protective equipment

##### Respiratory protection

Industrial setting : Use only with adequate ventilation.

Household setting : Use only with adequate ventilation.

**Hand protection** : If prolonged or repeated contact is possible:  
Wear suitable gloves.

##### Eye protection

Industrial setting : Safety glasses with side-shields

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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : blue

Odor : ammoniacal

pH : 11.0  
(undiluted)

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Boiling point	:	no data available
Freezing point	:	no data available
Flash point	:	> 93.3 °C > 199.94 °F
Evaporation rate	:	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	:	0.998 g/cm <sup>3</sup>
Water solubility	:	completely soluble
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Volatile Organic Compounds Total VOC (wt. %)*	:	1.1 % - 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 acids
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 Calculated > 5,000 mg/kg
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Acute inhalation toxicity : no data available

Acute dermal toxicity : LD50  
estimated  
> 2,000 mg/kg

#### Chronic effects

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : no data available

#### 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.

#### 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.

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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 is not subject to the reporting requirements under California's Proposition 65.
- 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	2
Flammability	0
Reactivity	0

### NFPA Ratings

Health	2
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<b>Fire</b>	0
<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.

<b>Prepared by:</b>	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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