

# Material Safety Data Sheet

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



## WINDEX® MULTISURFACE ANTIBACTERIAL, WINDEX® MULTISURFACE ANTIBACTERIAL

Version 3.0

Print Date 07/01/2012

Revision Date 06/11/2012

MSDS Number 350000004960  
SITE\_FORM Number  
30000000000000004266.002

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : WINDEX® MULTISURFACE ANTIBACTERIAL, WINDEX®  
MULTISURFACE ANTIBACTERIAL

Use of the : Disinfectant  
Substance/Mixture  
Company : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

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

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : clear / liquid / characteristic

#### Immediate Concerns

: Caution  
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 abdominal discomfort.

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

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#### 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
Isopropanol	67-63-0	1.00 - 5.00
Ethyleneglycol Monohexylether	112-25-4	1.00 - 5.00
Lactic Acid	79-33-4	0.10 - 1.00

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

#### 4. FIRST AID MEASURES

- Eye contact : Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation develops and persists.
- Skin contact : Wash off with soap and water.
- Inhalation : Remove to fresh air. If breathing is affected, get medical attention.
- Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Drink 1 or 2 glasses of water. 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 : Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. Although this product has a flash point below 200 Deg F, it is an aqueous solution

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containing an alcohol and does not sustain combustion.

Flash point : 51 °C  
123.8 °F  
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 : Remove all sources of ignition.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
Wear personal protective equipment.
- Environmental precautions : Outside of normal use, avoid release to the environment.
- Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Use only non-sparking equipment.  
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 : Keep away from heat and sources of ignition.  
Take measures to prevent the build up of electrostatic charge.

##### 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
Isopropanol	67-63-0	980 mg/m3	400 ppm	-	OSHA TWA
Isopropanol	67-63-0	-	400 ppm	-	ACGIH STEL
Isopropanol	67-63-0	-	200 ppm	-	ACGIH TWA

##### 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	: clear
Odor	: characteristic
pH	: 2.3 - 3.3
Boiling point	: no data available
Freezing point	: no data available

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Flash point	: 51 °C 123.8 °F Method: Tag Closed Cup (TCC)
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	: similar to water
Density	: 0.996 g/cm3
Water solubility	: completely soluble
Partition coefficient: n-octanol/water	: no data available
Viscosity, dynamic	: similar to water
Volatile Organic Compounds Total VOC (wt. %)*	: 3 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations

### 10. STABILITY AND REACTIVITY

Conditions to avoid	: Heat, flames and sparks.
Materials to avoid	: Strong oxidizing agents Do not mix with bleach or any other household cleaners.
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
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> 5,000 mg/kg

Acute inhalation toxicity : LC50  
estimated  
> 5.59 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.

RCRA waste class : D001 (Ignitable Waste)

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#### 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.

**Registration # / Agency**  
4822-549/EPA

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### 16. OTHER INFORMATION

#### HMIS Ratings

Health	1
Flammability	2
Reactivity	0

#### NFPA Ratings

Health	1
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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