

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® MULTI-SURFACE ANTIBACTERIAL

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : WINDEX® MULTI-SURFACE ANTIBACTERIAL

Recommended use : Disinfectant

Manufacturer, importer, supplier : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +18005585252

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

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Labelling

Precautionary statements

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® MULTI-SURFACE ANTIBACTERIAL

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

4. FIRST AID MEASURES

- Eye contact** : No special requirements
- Skin contact** : No special requirements
- Inhalation** : No special requirements.
- Ingestion** : No special requirements

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** : Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. 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. In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Dike large spills.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® MULTI-SURFACE ANTIBACTERIAL

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

7. HANDLING AND STORAGE

Handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
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.

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 special requirements.

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.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® MULTI-SURFACE ANTIBACTERIAL

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : liquid
- Color** : clear
- Odor** : characteristic

- Odour Threshold** : No data available

- pH** : 2.3 - 3.3

- Melting point/freezing point** : No data available
- Initial boiling point and boiling range** : No data available
- Flash point** : 51 °C
123.8 °F
Method: Tag Closed Cup (TCC)

- Evaporation rate** : No data available

- Flammability (solid, gas)** : Does not sustain combustion.

- Upper/lower flammability or explosive limits** : No data available

- Vapour pressure** : similar to water

- Vapour density** : No data available

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® MULTI-SURFACE ANTIBACTERIAL

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

Relative density	:	0.996 g/cm ³
Solubility(ies)	:	completely soluble
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, dynamic	:	similar to water
Viscosity, kinematic	:	No data available
Oxidizing properties	:	No data available
Volatile Organic Compounds Total VOC (wt. %)*	:	3 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
Other information	:	None identified

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	:	Stable under recommended storage conditions.
Conditions to avoid	:	Direct sources of heat.
Incompatible materials	:	Strong oxidizing agents

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® MULTI-SURFACE ANTIBACTERIAL

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

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

11. TOXICOLOGICAL INFORMATION

Emergency Overview : This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

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

Acute inhalation toxicity : LC50
estimated
> 5.59 mg/l

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

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	-
Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ	No classification proposed	-

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**WINDEX® MULTI-SURFACE ANTIBACTERIAL**

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

toxicity - single exposure		
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition : None known.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Isopropanol	LC50	Pimephales promelas (fathead minnow)	9,640 mg/l	96 h
Ethylene glycol Monohexylether	static test LC50	Pimephales promelas (fathead minnow)	140 mg/l	96 h
Lactic Acid	static test LC50	Oncorhynchus mykiss (rainbow trout)	100 - 180 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Isopropanol	EC50	Daphnia magna (Water flea)	13,299 mg/l	48 h

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**WINDEX® MULTI-SURFACE ANTIBACTERIAL**

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

Ethleneglycol Monohexylether	static test EC50	Daphnia magna (Water flea)	145 mg/l	48 h
Lactic Acid	static test EC50	Daphnia magna (Water flea)	130 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Isopropanol	EC50	Desmodesmus subspicatus (green algae)	> 1,000 mg/l	72 h
Ethleneglycol Monohexylether	static test EC50	Desmodesmus subspicatus (green algae)	147.128 mg/l	96 h
Lactic Acid	static test EC50	Pseudokirchneriella subcapitata (green algae)	> 2,800 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Isopropanol	53 %	5 d	Readily biodegradable
Ethleneglycol Monohexylether	96.8 %	20 d	Readily biodegradable
Lactic Acid	67 %	20 d	

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® MULTI-SURFACE ANTIBACTERIAL

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

Isopropanol	0.96 estimated	0.05
Ethyleneglycol Monohexylether	5.8 estimated	1.97
Lactic Acid	No data available	-0.62

Mobility

Component	End point	Value
Isopropanol	No data available	
Ethyleneglycol Monohexylether	Koc	10 estimated
Lactic Acid	log Koc	< 1.32

PBT and vPvB assessment

Component	Results
Isopropanol	Not fulfilling PBT and vPvB criteria
Ethyleneglycol Monohexylether	Not fulfilling PBT and vPvB criteria
Lactic Acid	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.
For disposal information, please read and follow Disposal instructions on the pesticide label.
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

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® MULTI-SURFACE ANTIBACTERIAL

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

FIFRA Labeling

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

CAUTION:

Causes slight eye irritation.

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.

Registration # / Agency
4822-549/EPA

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® MULTI-SURFACE ANTIBACTERIAL

Version 1.2

Print Date 03/04/2015

Revision Date 02/25/2015

SDS Number 350000004960

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	2
Reactivity	0

NFPA Ratings

Health	1
Fire	2
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

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)
-------------	--