Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

WINDEX™ OUTDOOR ALL-IN-ONE GLASS CLEANING TOOL

Version *1*.0 Print Date 03/04/2015

Revision Date 02/25/2015 SDS Number 350000011117

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : **WINDEX™ OUTDOOR ALL-IN-ONE GLASS CLEANING TOOL**

Recommended use : Speciality Cleaner

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
Cellulose	9004-34-6	10.00 - 30.00
Alkyl polyglycoside	68515-73-1	1.00 - 5.00
Alkylpolyglycoside C10-16	110615-47-9	1.00 - 5.00

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

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.

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.

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 : Sweep up and shovel into suitable containers for disposal. Clean residue from spill site.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Cellulose	9004-34-6	5 mg/m3	-	-	OSHA TWA
Cellulose	9004-34-6	15 mg/m3	-	-	OSHA TWA
Cellulose	9004-34-6	10 mg/m3	-	-	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid absorbed by inert carrier material

Color : white

Odor : mild

Odour Threshold	:	No data available
pH	:	2.8
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	> 110 °C > 230 °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	:	No data available
Vapour density	:	No data available
Relative density	:	No data available
Solubility(ies)	:	No data available
Partition coefficient: n-octanol/water	:	No data available

Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Oxidizing properties	:	No data available
Volatile Organic Compounds Total VOC (wt. %)*	:	0 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
Other information	:	None identified

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10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	:	Stable under recommended storage conditions.
Conditions to avoid	:	Direct sources of heat.
Incompatible materials	:	None known.
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 : No data available

Acute dermal toxicity : LD50 Dermal
estimated
> 2,000 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 toxicity - single exposure	No classification proposed	-
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
Cellulose	No data available			
Alkyl polyglycoside	semi-static test LC50	Danio rerio (zebra fish)	126 mg/l	96 h
	NOEC Read-across (Analogy)	Danio rerio (zebra fish)	1.8 mg/l	21 d
Alkylpolyglycoside C10-16	semi-static test LC50 ISO 7346/2	Fish	1 - 10 mg/l	
	NOEC	Fish	> 1 - 10 mg/l	

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time

Cellulose	No data available			
Alkyl polyglycoside	static test EC50 NOEC Read-across (Analogy)	Daphnia magna (Water flea) Daphnia magna	> 100 mg/l 1 mg/l	48 h 21 d
Alkylpolyglycoside C10-16	static test EC50 NOEC	Daphnia magna (Water flea) Daphnia	7 mg/l > 1 - 10 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Cellulose	No data available			
Alkyl polyglycoside	static test EC50	Desmodesmus subspicatus (green algae)	27.22 mg/l	72 h
Alkylpolyglycoside C10-16	static test EC50	Desmodesmus subspicatus (green algae)	12.5 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Cellulose	No data available		
Alkyl polyglycoside	100 %	28 d	Readily biodegradable
Alkylpolyglycoside C10-16	> 70 %	28 d	Readily biodegradable

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Cellulose	No data available	No data available
Alkyl polyglycoside	0.9 estimated	1.72
Alkylpolyglycoside C10-16	No data available	<= -0.07

Mobility

Component	End point	Value
Cellulose	No data available	
Alkyl polyglycoside	log Koc	1.7
Alkylpolyglycoside C10-16	log Koc	1.7

PBT and vPvB assessment

Component	Results
Cellulose	Not fulfilling PBT and vPvB criteria
Alkyl polyglycoside	Not fulfilling PBT and vPvB criteria
Alkylpolyglycoside C10-16	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.

14. TRANSPORT INFORMATION

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

Land transport

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

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.

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	1
Reactivity	0

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NFPA Ratings

Health	1
Fire	1
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)