*Safety Data Sheet*

according to Hazard Communication Standard; 29 CFR 1910.1200

# WINDEX® DISINFECTANT CLEANER (MULTISURFACE)

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

Revision Date 02/25/2015 SDS Number 350000017364

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product information**

**Product name** : **WINDEX® DISINFECTANT CLEANER (MULTISURFACE)**

**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 |
|---|---|---|
| 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.

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

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## 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** : 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** : Dike large spills.
Clean residue from spill site.

## 7. HANDLING AND STORAGE

**Handling**

**Precautions for safe** : Avoid contact with skin, eyes and clothing.

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| | | |
|---|---|---|
| **handling** | | For personal protection see section 8.<br>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**

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** | : | 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 |
| **Color** | : | yellow |
| **Odor** | : | Citrus |
| **Odour Threshold** | : | Test not applicable for this product type |

| | | |
|---|---|---|
| **pH** | : | 3.2 |
| **Melting point/freezing point** | : | 0 °C |
| **Initial boiling point and boiling range** | : | > 95 C |
| **Flash point** | : | does not flash |
| **Evaporation rate** | : | No data available |
| **Flammability (solid, gas)** | : | Does not sustain combustion. |
| **Upper/lower flammability or explosive limits** | : | Test not applicable for this product type |
| **Vapour pressure** | : | similar to water |
| **Vapour density** | : | Test not applicable for this product type |
| **Relative density** | : | 1 g/cm3 at 25 C |
| **Solubility(ies)** | : | completely soluble |
| **Partition coefficient: n-octanol/water** | : | Test not applicable for this product type |
| **Auto-ignition temperature** | : | No data available |
| **Decomposition temperature** | : | Test not applicable for this product type |
| **Viscosity, dynamic** | : | similar to water |

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| | | |
|---|---|---|
| **Viscosity, kinematic** | : | similar to water |
| **Oxidizing properties** | : | No data available |
| **Volatile Organic Compounds Total VOC (wt. %)*** | : | 0.5 % - additional exemptions may apply<br>*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** | : | 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** | : | NA GHS LD50<br>Measured<br>> 5,000 mg/kg |
| **Acute inhalation toxicity** | : | NA GHS LC50 (dust and mist)<br>Measured |

> 5.59 mg/l

**Acute dermal toxicity** : NA GHS LD50
Measured
> 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 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**

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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 |
|---|---|---|---|---|
| Ethyleneglycol 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 |
|---|---|---|---|---|
| Ethyleneglycol 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 |
|---|---|---|---|---|
| Ethyleneglycol 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 |
|---|---|---|---|
| Ethyleneglycol Monohexylether | 96.8 % | 20 d | Readily biodegradable |
| Lactic Acid | 67 % | 20 d | |

**Bioaccumulative potential**

| Component | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|---|---|---|
| Ethyleneglycol Monohexylether | 5.8 estimated | 1.97 |
| Lactic Acid | No data available | -0.62 |

**Mobility**

| Component | End point | Value |
|---|---|---|
| Ethyleneglycol Monohexylether | Koc | 10 estimated |
| Lactic Acid | log Koc | < 1.32 |

**PBT and vPvB assessment**

| Component | Results |
|---|---|
| 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.

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## 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

**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. |

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**Registration # / Agency**
4822-593/EPA

## 16. OTHER INFORMATION

**HMIS Ratings**

| | |
|---|---|
| **Health** | 1 |
| **Flammability** | 0 |
| **Reactivity** | 0 |

**NFPA Ratings**

| | |
|---|---|
| **Health** | 1 |
| **Fire** | 0 |
| **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) |