1. PRODUCT AND COMPANY IDENTIFICATION

Product information
Trade name : WINDEX® ORIGINAL GLASS CLEANER
Use of the Substance/Preparation : Hard Surface Cleaner
Company : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647

2. HAZARDS IDENTIFICATION

Emergency Overview
Appearance / Odor : blue / liquid / characteristic
Immediate Concerns : Avoid contact with skin, eyes and clothing.

Potential Health Effects
Routes of exposure : Eye, Skin, Inhalation, Ingestion.
Eyes : None known.
Skin : None known.
Inhalation : None known.
Ingestion : None known.
Aggravated Medical Condition : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60.00 - 100.00</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>Ethyleneglycol Monohexylether</td>
<td>112-25-4</td>
<td>0.10 - 1.00</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact : Rinse with plenty of water. Get medical attention if irritation
develops and persists.

Skin contact : Wash off with soap and water. Get medical attention if irritation develops and persists.

Inhalation : Remove to fresh air.

Ingestion : Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog

Specific hazards during fire fighting : 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. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

Flash point : 130 °F
   Method: Tag Closed Cup (TCC)

Flash point : 54 °C
   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.

Methods for cleaning up : Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Dike large spills.

7. HANDLING AND STORAGE

Handling
Advice on safe handling : KEEP OUT OF REACH OF CHILDREN AND PETS.
Use only as directed.

Advice on protection against fire and explosion:
Keep away from heat and sources of ignition.

Storage:
Requirements for storage areas and containers:
Keep container closed when not in use.
Keep in a dry, cool and well-ventilated place.
Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>mg/m3</th>
<th>ppm</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>-</td>
<td>400 ppm</td>
<td>ACGIH STEL</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>-</td>
<td>200 ppm</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>980 mg/m3</td>
<td>400 ppm</td>
<td>OSHA TWA</td>
</tr>
</tbody>
</table>

Personal protective equipment

Respiratory protection

Industrial setting: No personal respiratory protective equipment normally required.
Household setting: No personal respiratory protective equipment normally required.

Hand protection

Industrial setting: not required under normal use
Household setting: not required under normal use

Eye protection

Industrial setting: No special requirements.
Household setting: No special requirements.

Hygiene measures: Use only with adequate ventilation. Wash thoroughly after handling. Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection. Wear suitable protective clothing.
### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid</td>
</tr>
<tr>
<td>Color</td>
<td>blue</td>
</tr>
<tr>
<td>Odor</td>
<td>characteristic</td>
</tr>
<tr>
<td>pH</td>
<td>10.5 - 11.0</td>
</tr>
<tr>
<td>Melting point</td>
<td>no data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>no data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>no data available</td>
</tr>
<tr>
<td>Flash point, Method: TCC</td>
<td>130 °F</td>
</tr>
<tr>
<td>Flash point, Method: Tag Closed Cup (TCC)</td>
<td>54 °C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>no data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>similar to water</td>
</tr>
<tr>
<td>Water solubility</td>
<td>completely soluble</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>no data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.0 estimated</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

- **Conditions to avoid**: None known.
- **Materials to avoid**: Strong oxidizing agents
- **Hazardous decomposition products**: When exposed to fire, produces normal products of combustion.
Material Safety Data Sheet
according to ANSI Z400.1-2004 and 29 CFR 1910.1200

WINDEX® ORIGINAL GLASS CLEANER

Version 1. Print Date 01/22/2009
Revision Date 01/16/2009 MSDS Number 350000004274

Hazardous reactions : Stable

11. TOXICOLOGICAL INFORMATION

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

Acute inhalation toxicity : LC50 rat
Dose: > 2.5 mg/l

Acute dermal toxicity : LD50 rabbit
Dose: 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 : Not known to be a sensitizer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects : Not Available

13. DISPOSAL CONSIDERATIONS

Industrial setting : Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.

Household setting : Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Land transport
U.S. DOT and Canadian TDG Surface Transportation:
NA number 1993
Proper shipping name Combustible Liquid, N.O.S.
Class: Combustible liquid
Packaging group: III
Note: SC Johnson ships this product as "Non-Regulated" per DOT exception for Combustible Liquids. (49 CFR 173.150)

Sea transport
IMDG:
UN-Number: None.
Packaging group: None.
Proper shipping name not regulated
Class: None.

Air transport
ICAO/IATA:
Class: None.
Packaging group: None.
Proper shipping name not regulated
UN/ID No.: None.

15. REGULATORY INFORMATION

Global Chemical Inventories
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.

: 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.
: 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**

<table>
<thead>
<tr>
<th>HMIS Ratings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>0</td>
</tr>
<tr>
<td>Flammability</td>
<td>2</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NFPA Ratings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>0</td>
</tr>
<tr>
<td>Fire</td>
<td>2</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

**Further information**

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**Prepared by:** SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)