1. PRODUCT AND COMPANY IDENTIFICATION

Product information
- Trade name: WINDEX® ORIGINAL GLASS CLEANER
- Use of the Substance/Mixture: Hard Surface Cleaner
- Company: S.C. Johnson and Son, Limited
  1 Webster Street
  Brantford ON N3T 5R1
- Emergency telephone:
  24 Hour Transport & Medical Emergency Phone (866) 231-5406
  24 Hour International Emergency Phone (952) 852-4647
  24 Hour Canadian Transport Emergency Phone (CANUTEC) (613) 996-6666

2. HAZARDS IDENTIFICATION

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

Potential Health Effects
- Exposure routes: 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 percent</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>
</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. 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>
</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</td>
<td>130 °F</td>
</tr>
<tr>
<td>Method</td>
<td>Tag Closed Cup (TCC)</td>
</tr>
<tr>
<td>Flash point</td>
<td>54 °C</td>
</tr>
<tr>
<td>Method</td>
<td>Tag Closed Cup (TCC)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>no data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Does not sustain combustion.</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>Density</td>
<td>0.992 g/cm³</td>
</tr>
<tr>
<td>at 20 °C</td>
<td></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>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

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

WINDEX® ORIGINAL GLASS CLEANER

Version 1.1 Print Date 01/28/2010
Revision Date 12/01/2009 MSDS Number 350000004274

products combustion.
Hazardous reactions : Stable

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 estimated > 5,000 mg/kg
Acute inhalation toxicity : LC50 > 2.5 mg/l
Acute dermal toxicity : LD50 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 : no data available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data 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:**
  - UN-Number: None.
  - Proper shipping name: not regulated
  - Class: None.
  - Packaging group: None.

**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

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 is not subject to the reporting requirements under California's Proposition 65.

California Prop. 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

HMIS Ratings
Material Safety Data Sheet
according to ANSI Z400.1-2004 and 29 CFR 1910.1200

WINDEX® ORIGINAL GLASS CLEANER

Version 1.1          Print Date 01/28/2010
Revision Date 12/01/2009  MSDS Number 350000004274

NFPA Ratings

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</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>

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)