

Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



WINDEX® ORIGINAL GLASS CLEANER

Version 1.0

Print Date 08/23/2011

Revision Date 01/06/2010

MSDS Number 350000014153
SITE_FORM Number
300000000000000010965.001

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 5R 1 |
| 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 / pleasant |
| 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

| Chemical Name | CAS-No. | Weight Percent |
|---------------|-----------|----------------|
| Water | 7732-18-5 | 60.00 - 100.00 |

4. FIRST AID MEASURES

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| | |
|--------------|--|
| Eye contact | Rinse with plenty of water. Get medical attention if irritation develops and persists. |
| Skin contact | Rinse with plenty of water. |
| Inhalation | Remove to fresh air. |
| Ingestion | No special requirements |

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 | 85 °C Method: ASTM D 56 |
| Flash point | 185 °F Method: ASTM D 56 |
| 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

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| | |
|---|--|
| 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. |
| Other data | Stable under normal conditions. |

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

| | |
|--------------------|---|
| 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. Wear suitable protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|--|
| Form | liquid |
| Color | blue |
| Odor | pleasant |
| pH | 10.7 |
| Boiling point | no data available |
| Freezing point | no data available |
| Flash point | 85 °C Method: ASTM D 56 |
| Flash point | 185 °F Method: ASTM D 56 |
| Evaporation rate | no data available |
| Flammability (solid, gas) | Does not sustain combustion. |
| Autoignition temperature | no data available |
| Lower explosion limit | no data available |
| Upper explosion limit | no data available |
| Vapour pressure | no data available |
| Density | 0.997 g/cm ³ at 20 °C |
| Water solubility | soluble |
| Viscosity, dynamic | no data available |
| Viscosity, kinematic | no data available |
| Volatile Organic Compounds (California Air Resource Board - CARB) Total VOE (wt. %) | 0.5 % - does not include any applicable regulatory exemptions |

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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. |
| Hazardous reactions | Stable |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------------------|------------------------------------|
| Acute oral toxicity | LD50 estimated > 5,000 mg/kg |
| Acute inhalation toxicity | LC50 estimated > 2.58 mg/l |
| Acute dermal toxicity | no data available |
| 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 | no data available |
|---------------------|-------------------|

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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). |

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A FAMILY COMPANY

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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.

Canada Regulations

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 Ratins

Health 0

Flammability 2

Reactivity 0

NFPA Ratings

Health 0

Fire 2

Reactivity 0

Special

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.

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Regulatory Affairs GSARA

