

Material Safety Data Sheet

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



WINDEX® ORIGINAL GLASS CLEANER WITH AMMONIA-D®

Version 1.1

Print Date 12/16/2009

Revision Date 12/01/2009

MSDS Number 350000004274

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : WINDEX® ORIGINAL GLASS CLEANER WITH AMMONIA-D®

Use of the Substance/Mixture : 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

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
Isopropanol	67-63-0	1.00 - 5.00

4. FIRST AID MEASURES

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

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- 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.

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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

Components	CAS-No.	mg/m3	ppm	Basis
Isopropanol	67-63-0	-	400 ppm	ACGIH STEL
Isopropanol	67-63-0	-	200 ppm	ACGIH TWA
Isopropanol	67-63-0	980 mg/m3	400 ppm	OSHA TWA

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	liquid
Color	:	blue
Odor	:	characteristic
pH	:	10.5 - 11.0
Melting point	:	no data available
Boiling point	:	no data available
Freezing point	:	no data available
Flash point	:	130 °F Method: Tag Closed Cup (TCC)
Flash point	:	54 °C Method: Tag Closed Cup (TCC)
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	:	similar to water
Density	:	0.992 g/cm ³ at 20 °C
Water solubility	:	completely soluble
Partition coefficient: n-octanol/water	:	no data available

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

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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.

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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.
: 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

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Health	0
Flammability	2
Reactivity	0

NFPA Ratings

Health	0
Fire	2
Reactivity	0
Special	

Further information

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