MSDS RECORD NUMBER: 2894137
PRODUCT NAME(S): WINDEX ORIGINAL GLASS CLEANER
PRODUCT IDENTIFICATION: MSDS # 126000004
DATE OF MSDS: 1998-01-28
CURRENCY NOTE: This MSDS was provided to CCOHS in electronic form on 2001-10-25

MANUFACTURER: S C Johnson & Son, Inc
ADDRESS: 1525 Rowe Street
Racine Wisconsin
U.S.A. 53403-2236
Telephone: 800-725-6737

MANUFACTURER: S C Johnson and Son, Limited
ADDRESS: 1 Webster Street
Brantford Ontario
Canada N3T 5R1
Telephone: 519-756-7900

EMERGENCY TELEPHONE NO.: 800-228-5635 Ext 092 (Transportation, U.S.A.)
613-996-6666 (Transportation, CANUTEC, collect)
888-779-7920 (Poison Control)

SUPPLIER/DISTRIBUTOR: S C Johnson and Son, Limited
ADDRESS: 1 Webster Street
Brantford Ontario
Canada N3T 5R1
Telephone: 519-758-6611

MATERIAL SAFETY DATA SHEET

WINDEX ORIGINAL GLASS CLEANER


HAZARD RATING HMIS HAZARD NFPA
----------------- -------- -------- ----
4-Very High 0 Health 0
3-High 2 Flammability 2
2-Moderate 0 Reactivity 0
1-Slight Special
0-Insignificant

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME
WINDEX ORIGINAL GLASS CLEANER
REASON FOR CHANGE
No significant changes.
PRODUCT USE
   Household: Cleaning product

SECTION 2 - INGREDIENT INFORMATION

WEIGHT% INGREDIENT AND EXPOSURE LIMIT

0.1-1.0 Ethylene glycol n-hexyl ether (CAS# 112-25-4)
   Exposure Limit: 20 ppm TWA (SUPPLIER RECOMMENDED)

0.5-1.5 2-butoxyethanol (CAS# 111-76-2)
   Exposure Limit: 20 ppm ACGIH TWA (SKIN), 50 ppm OSHA TWA

1-5 Isopropanol (CAS# 67-63-0)
   Exposure Limit: 400 ppm OSHA/ACGIH TWA, 500 ppm OSHA/ACGIH STEL

90-95 Water (CAS# 7732-18-5)
   Exposure Limit: NOT ESTABLISHED

SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY
   Eye contact. Skin contact.

EFFECTS OF ACUTE EXPOSURE:
   EYE
      May cause: Moderate eye irritation.

   SKIN
      Prolonged or repeated contact may cause: Mild skin irritation.
      Drying/defatting of skin.

   MATERIAL SAFETY DATA SHEET

WINDEX ORIGINAL GLASS CLEANER


SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11) (continued)

   INHALATION
      None known.
   INGESTION
      None known.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE
   None known.

SECTION 4 - FIRST AID MEASURES

   EYE CONTACT
      Flush immediately with water for 20 minutes. If irritation persists, get medical attention.

   SKIN CONTACT
      Wash contaminated area with water and soap. If irritation persists, get medical attention.

   INHALATION
      Remove to fresh air.

   INGESTION
      Immediately drink 1-2 glasses of water or milk. Do not administer anything by mouth to an unconscious person. Do not induce vomiting! Seek immediate medical attention.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT
   124 F (51 C) (TCC)
FLAMMABLE LIMITS
Not available.

AUTOIGNITION TEMPERATURE
Not available.

EXTINGUISHING MEDIA

SPECIAL FIREFIGHTING PROCEDURES
Normal fire fighting procedure may be used. Fire fighters should wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Container may burst in heat of fire.

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Eliminate all ignition sources. Dike large spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize.

MATERIAL SAFETY DATA SHEET

WINDEX ORIGINAL GLASS CLEANER


SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY INFORMATION
Keep out of reach of children.

OTHER HANDLING AND STORAGE CONDITIONS
Keep container well closed when not in use.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION
No special requirements under normal use conditions.

VENTILATION
General room ventilation adequate.

PROTECTIVE GLOVES
No special requirements under normal use conditions.

EYE PROTECTION
No special requirements under normal use conditions.

OTHER PROTECTIVE MEASURES
If major exposure is possible to eyes/skin, wear/use appropriate protective equipment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR
Blue

PRODUCT STATE
Liquid.

ODOR
Ammonia-like

pH
10.3-11.3

ODOR THRESHOLD
Not available.

SOLUBILITY IN WATER
Complete

SPECIFIC GRAVITY (H2O=1)
0.996

VAPOR DENSITY (AIR=1)
Same as water.

EVAPORATION RATE (BUTYL ACETATE=1)
Not available.

VAPOR PRESSURE (mm HG)

http://ccinfoweb.ccohss.ca/msds/Action.lasso?-database=msds-&layout=Display-&response=...
SAME AS WATER.

BOILING POINT
Not available.

FREEZING POINT
Not available.

MATERIAL SAFETY DATA SHEET

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WINDEX ORIGINAL GLASS CLEANER


SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued)

COEFFICIENT OF WATER/OIL
Not available.

PERCENT VOLATILE BY VOLUME (%)
Not available.

VOLATILE ORGANIC COMPOUND (VOC)
Not available.

THEORETICAL VOC (LB/GAL)
Not available.

SECTION 10 - STABILITY AND REACTIVITY

STABILITY
Stable

STABILITY - CONDITIONS TO AVOID
No special requirements.

INCOMPATIBILITY
No special requirements.

HAZARDOUS DECOMPOSITION PRODUCTS
Produces normal products of combustion.

HAZARDOUS POLYMERIZATION
Will not occur.

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID
No special requirements.

SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3)

LD50 (ACUTE ORAL TOX)
Estimated to be greater than 5000 mg/kg (rats).

LD50 (ACUTE DERMAL TOX)
Not applicable.

LC50 (ACUTE INHALATION TOX)
Not applicable.

EFFECTS OF CHRONIC EXPOSURE
None known.

SENSITIZATION
None known.

CARCINOGENICITY
None known.

REPRODUCTIVE TOXICITY
None known.

TERATOGENICITY
None known.

MUTAGENICITY
None known.

MATERIAL SAFETY DATA SHEET

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WINDEX ORIGINAL GLASS CLEANER

SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA
Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION
No special method. Observe all applicable Federal/ Provincial/ State regulations and Local/ Municipal ordinances regarding disposal of non-hazardous materials.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT INFORMATION
Cleaning, scouring or washing compounds, N.O.I., Liquids Contains:
Isopropyl Alcohol

CANADIAN SHIPPING NAME
WINDEX ORIGINAL GLASS CLEANER

TDG CLASSIFICATION
Not applicable.

PIN/NIF
Not applicable.

PACKING GROUP
Not applicable.

EXEMPTION NAME
EXEMPT AS PER TDG REGULATION 2.23.2(1)

SECTION 15 - REGULATORY INFORMATION

WHMIS CLASSIFICATION
B.3; D.2B;

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 in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

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

SECTION 16 - OTHER INFORMATION

ADDITIONAL INFORMATION
Use as directed.

MATERIAL SAFETY DATA SHEET

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WINDEX ORIGINAL GLASS CLEANER

Date Issued: 28Jan1998

Supersedes: 07Oct1997

SECTION 16 - OTHER INFORMATION (continued)

EPA REGISTRATION #
Not applicable.

PREPARATION INFORMATION -

PREPARED BY
Manufacturer's Technical Support Department. Refer to page 1 (Manufacturer) for contact information.

MSDS # 126000004
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