

Material Safety Data Sheet[Back](#)

Trade Name: WINDEX GLASS CLEANER **Manufacturer:** S.C. Johnson & Son, Limited
MSDS Code: **Type of Chemical:** CLEANER

Notes:

Revision Date: 30/01/2007
Drackett Professional
A Division of
S.C. Johnson Commercial Markets,
8310 16th Street
Sturtevant, Wisconsin 53177-0902
Phone: (800) 725-6737
Emergency Phone: (800) 851-7145

HAZARD RATING HMIS HAZARD NFPA

4-Very High 0 Health 0
3-High 4 Flammability 4
2-Moderate 0 Reactivity 0
1-Slight Special
0-Insignificant

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: WINDEX GLASS CLEANER (AEROSOL)

REASON FOR CHANGE: Section1. Section2. Section4. Section6. Section7. Section 10. Section 14.

PRODUCT USE: Industrial/Institutional: Cleaning product.

SECTION 2 - INGREDIENT INFORMATION**INGREDIENT WEIGHT% EXPOSURE LIMIT/TOXICITY**

(PA NJ MA) Ammonium Hydroxide (CAS# 1336-21-6) <1 25 ppm ACGIH/OSHA TWA , 35 ppm

ACGIH/OSHA STEL LD50: 350 mg/kg (oral-rat)

[PA NJ MA SARA) 2-Butoxyethanol (CAS# 111-76-2) 1-5 25 ppm ACGIH/OSHA TWA (SKIN) LD50: 560-3,000 mg/kg.
(oral-rat) 500 ppm (inhalation-rat) 4 hrs

[PA NJ MA] Isobutane (CAS# 75-28-5) 1-5 NOT ESTABLISHED

Water (CAS# 7732-18-5) 60-100 NOT ESTABLISHED

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

ROUTE(S) OF ENTRY: Inhalation.

EFFECTS OF ACUTE EXPOSURE:

EYE: None known.

SKIN: None known.

INHALATION: May cause: Irritation to nose; throat and respiratory tract.

INGESTION: May cause: Irritation to mucous membranes.

MEDICAL CONDITIONS: None known.

GENERALLY RECOGNIZED AS 1BEING AGGRAVATED BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Rinse with plenty of water.

SKIN CONTACT: Rinse with plenty of water.

INHALATION: Remove to fresh air.

INGESTION: No special requirements.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT: < 20°F (< -7°C) (TCC) (propellant)

FLAMMABLE LIMITS: Not available.

AUTOIGNITION TEMPERATURE: Not available.

EXTINGUISHING MEDIA: Foam. CO2. Dry chemical. Water fog.

SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus and protective clothing. Cool and use caution when approaching or handling fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol product - Containers may rocket or explode in heat of fire.

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Eliminate all ignition sources. Absorb with fuller's earth or other inert materials. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY INFORMATION: CAUTION: CONTENTS UNDER PRESSURE. Do not store at temperatures above 120 °F (50 °C). Do not puncture or incinerate. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

OTHER HANDLING AND STORAGE CONDITIONS: Store in a cool, dry place with adequate ventilation.

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: Not applicable.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Clear

PRODUCT STATE: Dispensed as a spray mist.

ODOR: Ammonia-like

Range: 10.2-11.2

ODOR THRESHOLD: Not available

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY (H2O=1): 0.99

VAPOR DENSITY (AIR=1): > 1

EVAPORATION RATE (BUTYL ACETATE=1): <1

VAPOR PRESSURE (mm HG): Not available

BOILING POINT: 212°F (100°C)

FREEZING POINT: 32°F (0°C)

COEFFICIENT OF WATER/OIL: Not available

PERCENT VOLATILE BY VOLUME (%): Not available

VOLATILE ORGANIC COMPOUND (VOC): Glycol Ether. Hydrocarbon propellant

THEORETICAL VOC (LB/GAL): 0.55 lb/gal

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable

STABILITY - CONDITIONS TO AVOID: No special requirements.

INCOMPATIBILITY: None known

HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to fire: Produces normal products of combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: None known.

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 available.

LD50 (ACUTE INHALATION TOX): Not available.

EFFECTS OF CHRONIC EXPOSURE: None known

SENSITIZATION: None known

CARCINOGENICITY: None known

REPRODUCTIVE TOXICITY: None known

TERATOGENICITY: None known

MUTAGENICITY: None known

SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION: If possible, recycle empty aerosol can to nearest steel recycling center. Use UP Package or give to someone who can

Observe all Federal, Provincial, State and Municipal regulations.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT INFORMATION: consumer commodity ORM-D.

CANADIAN SHIPPING NAME: Consumer commodity.

TDG CLASSIFICATION: Not applicable.

PIN/NIP: Not applicable.

PACKING GROUP: Not applicable.

EXEMPTION NAME: Not applicable.

SECTION 15 - REGULATORY INFORMATION

WHMIS CLASSIFICATION: A;

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. These ingredients from Section 2 are subject to the following reporting requirements:

PA - The Pennsylvania Hazardous Substance List

NJ - The New Jersey Right to Know Hazardous Substance List

MA - The Massachusetts Hazardous Substance List

SARA - The Superfund Amendments and Reauthorization Act of 1986 Title III, Section 313 and 40 CFR Part 372

SECTION 16 - OTHER INFORMATION

ADDITIONAL INFORMATION. NFPA 30B Level I Aerosol. Use as directed.

EPA REGISTRATION # Not applicable.

PREPARATION INFORMATION

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