

BIN#323

MATERIAL SAFETY DATA SHEET

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MSDS # 126011001

WINDEX POWERIZED FORMULA (READY TO USE)

Date Issued: 19Jul1996

Supersedes: 08Aug1994

Drackett Professional A Division of S.C. Johnson & Son, Inc. Phone: (800) 725-6737 Racine, Wisconsin 53403-2236 Emergency Phone: (800) 851-7145	HAZARD RATING ----- 4-Very High 3-High 2-Moderate 1-Slight 0-Insignificant	HMIS ----- 0 0 0	HAZARD ----- Health Flammability Reactivity Special	NFPA ----- 0 0 0
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----- SECTION 1 - PRODUCT IDENTIFICATION -----

PRODUCT NAME..... WINDEX POWERIZED FORMULA (READY TO USE)
 REASON FOR CHANGE..... No significant changes.
 PRODUCT USE..... Industrial/Institutional: Cleaning product

UPC	SCJ CODE	QUANTITY	US SIZE	CANADIAN SIZE
19800 90139		12	32 OZ.	946 ML
19800 90137		1	30 GAL.	
19800 90940		4	1 GAL.	3.78 L
19800 90132		1	2.5 GAL.	
19800 90122		1	5 GAL.	18.9 L

----- SECTION 2 - INGREDIENT INFORMATION -----

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
[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) LC50: 500 ppm (inhalation-rat) 4 hrs.
[PA NJ MA] Ammonium Hydroxide (CAS#1336-21-6)	1-5	25 ppm ACGIH/OSHA TWA , 35 ppm ACGIH/OSHA STEL LD50: 350 mg/kg (oral-rat)
Water (CAS#7732-18-5).....	>90.0	NOT ESTABLISHED

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

ROUTE(S) OF ENTRY..... Eye contact.
 EFFECTS OF ACUTE EXPOSURE:
 EYE..... May cause: Sensation of irritation.
 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 BEING 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..... > 200°F (> 93°C) (TCC)

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----- SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued) -----

FLAMMABLE LIMITS..... Not available.
AUTOIGNITION..... Not available.
TEMPERATURE
EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.
SPECIAL FIREFIGHTING... Normal fire fighting procedure may be used.
PROCEDURES
UNUSUAL FIRE AND..... No special hazards known.
EXPLOSION HAZARDS

----- SECTION 6 - PREVENTIVE RELEASE MEASURES -----

STEPS TO BE TAKEN IN... Absorb with oil-dri or similar inert material. Sweep or scrape up
CASE MATERIAL IS and containerize. Do not let spilled or leaking material enter
RELEASED OR SPILLED watercourse. Contains ammonia.

----- SECTION 7 - HANDLING AND STORAGE -----

PRECAUTIONARY..... Use as directed.
INFORMATION
OTHER HANDLING AND.... Store in a cool, dry place with adequate ventilation.
STORAGE CONDITIONS

----- 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..... Not applicable.
MEASURES

----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

COLOR..... Clear Blue
PRODUCT STATE..... Liquid.
ODOR..... Mild / Ammonia
pH..... 10.2-11.2
ODOR THRESHOLD..... Not available.
SOLUBILITY IN WATER.... Complete
SPECIFIC GRAVITY..... 0.99
(H2O=1)
VAPOR DENSITY (AIR=1).. > 1
EVAPORATION RATE (BUTYL < 1
ACETATE=1)
VAPOR PRESSURE (mm HG). Not available.
BOILING POINT..... 212°F (100°C)
FREEZING POINT..... 32°F (0°C)
COEFFICIENT OF..... Not available.
WATER/OIL
PERCENT VOLATILE BY.... Not available.
VOLUME (%)
VOLATILE ORGANIC..... Glycol Ether.
COMPOUND (VOC)
THEORETICAL VOC..... 0.30
(LB/GAL)

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----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable
 STABILITY - CONDITIONS. No special requirements.
 TO AVOID
 INCOMPATIBILITY..... None known.
 HAZARDOUS DECOMPOSITION PRODUCTS Produces normal products of combustion.
 HAZARDOUS..... Will not occur.
 POLYMERIZATION
 HAZARDOUS..... None known.
 POLYMERIZATION -
 CONDITIONS TO AVOID

----- 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.
 EFFECTS OF CHRONIC..... None known.
 EXPOSURE
 SENSITIZATION..... None known.
 CARCINOGENICITY..... None known.
 REPRODUCTIVE TOXICITY.. None known.
 TERATOGENICITY..... None known.
 MUTAGENICITY..... None known.

----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... Not applicable.

----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... No special method. Observe all applicable Federal/ Provincial/
 INFORMATION State regulations and Local/ Municipal ordinances regarding disposal of non-hazardous materials. Waste from normal product use may be sewerred to a public-owned treatment works (POTW) in compliance with applicable Federal/ Provincial/ State/ Local/ Municipal pretreatment requirements.

----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Cleaning, scouring or washing compounds, N.O.I., Liquids
 CANADIAN SHIPPING NAME. WINDEX POWERIZED FORMULA
 TDG CLASSIFICATION..... Not applicable.
 PIN/NIP..... Not applicable.
 PACKING GROUP..... Not applicable.
 EXEMPTION NAME..... Not applicable.

----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Non-regulated.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic

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----- SECTION 15 - REGULATORY INFORMATION (continued) -----

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. Use as directed.
EPA REGISTRATION #..... Not applicable.

----- PREPARATION INFORMATION -----

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

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