

MATERIAL SAFETY DATA SHEET

DRA 90129

MSDS # 126062001

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WINDEX GLASS CLEANER (AEROSOL)

Date Issued: 25Feb1999

Supersedes: 18Jun1997

Drackett Professional A Division of S.C. Johnson Commercial Markets, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (800) 725-6737 Emergency Phone: (800) 851-7145	HAZARD RATING ----- 4-Very High 3-High 2-Moderate 1-Slight 0-Insignificant	HMIS ----- 0 4 0	HAZARD ----- Health Flammability Reactivity Special	NFPA ----- 0 4 0
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SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... WINDEX GLASS CLEANER (AEROSOL)
 REASON FOR CHANGE..... Section 1. Section 2. Section 4. Section 6. Section 7. 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) LC50: 5 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 BEING AGGRAVATED BY EXPOSURE

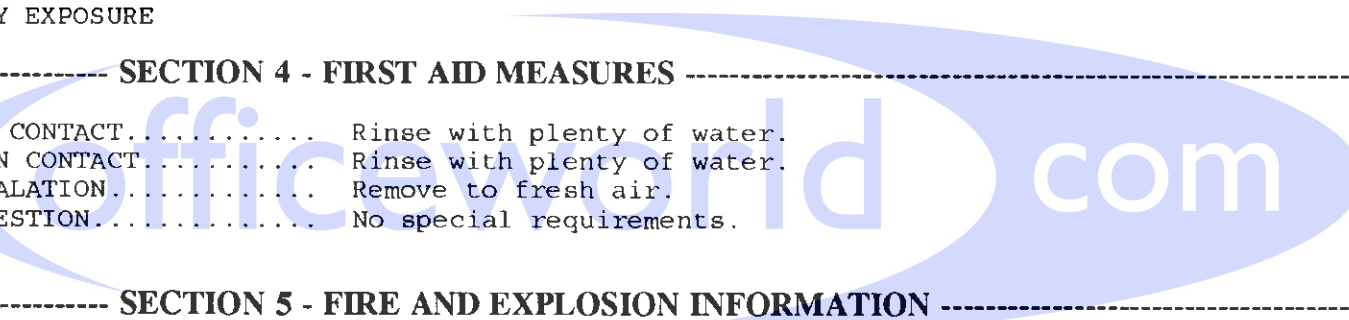
SECTION 4 - FIRST AID MEASURES

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..... < 20°F (< -7°C) (TCC) (propellant)
 FLAMMABLE LIMITS..... Not available.
 AUTOIGNITION..... Not available.
 TEMPERATURE

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SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued)

EXTINGUISHING MEDIA... Foam. CO2. Dry chemical. Water fog.
SPECIAL FIREFIGHTING... Fire fighters should wear self-contained breathing apparatus and
PROCEDURES protective clothing. Cool and use caution when approaching or
handling fire-exposed containers.
UNUSUAL FIRE AND... Aerosol product - Containers may rocket or explode in heat of
EXPLOSION HAZARDS fire.

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Absorb with fuller's earth or
CASE MATERIAL IS other inert materials. Sweep or scrape up and containerize. Rinse
RELEASED OR SPILLED affected area thoroughly with water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY... CAUTION: CONTENTS UNDER PRESSURE. Do not store at temperatures
INFORMATION above 120 °F (50 °C). Do not puncture or incinerate. KEEP OUT OF
REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.
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
PRODUCT STATE... Dispensed as a spray mist.
ODOR... Ammonia-like
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. Hydrocarbon propellant
COMPOUND (VOC)
THEORETICAL VOC... 0.55 lb/gal
(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. When exposed to fire: Produces normal products of combustion.
PRODUCTS
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.
LC50 (ACUTE INHALATION. Not available.
TOX)
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 available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... If possible, recycle empty aerosol can to nearest steel recycling
INFORMATION 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.

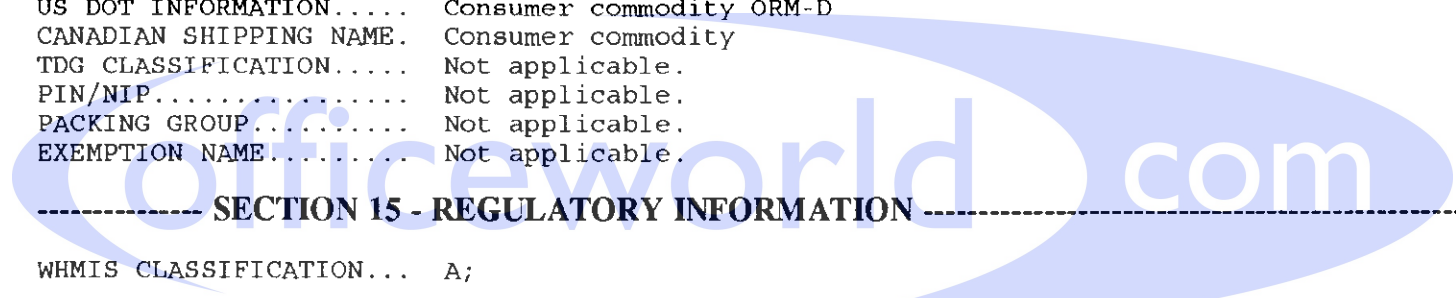
SECTION 15 - REGULATORY INFORMATION

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).

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

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 CFR Part 372

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. NFPA 30B Level 1 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.

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