

Reason for revision:
Prepared by:
Additional advice:

Not applicable
NAPRAC
* Contains a fresh fragrance

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MATERIAL SAFETY DATA SHEET

WINDEX Powered Glass Cleaner (RTU)

HMIS		NFPA		Personal protective equipment	
Health	0	0	0	None / Aucune / Ninguno	
Flammability	2	1	1		
Physical Hazard / Instability	0	0	0		

Version Number: 3

Preparation date: 2012-02-17

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: WINDEX Powered Glass Cleaner (RTU)

MSDS #: MSD000259
Product Code: 5638732, 90122, 90135, 90139, 90940
Recommended use: Cleaning product.

Manufacturer, importer, supplier:
US Headquarters
Diversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address: www.diversey.com
Emergency telephone number: 1-800-851-7145 (U.S.), 1-851-917-6133 (Intl)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Principal routes of exposure:

Eye contact: Eye contact. Skin contact. Inhalation. Ingestion.
Skin contact: None known.
Inhalation: None known.
Ingestion: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

None

4. FIRST AID MEASURES

Eye contact:
Skin contact:
Inhalation:
Ingestion:
Aggravated Medical Conditions:

Rinse with plenty of water.
Rinse with plenty of water.
No specific first aid measures are required.
No specific first aid measures are required.
None known

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Specific hazards:
Unusual hazards:
Specific methods:

Use dry chemical, CO₂, water spray or "alcohol" foam.
Although this product has a flash point below 200 Deg. F, it is an aqueous solution containing an alcohol and does not sustain combustion.
None known
No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.
Environmental precautions Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.
and clean-up methods: Clean-up methods - large spillage. Use appropriate containment to avoid environmental contamination.

7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements

Personal Protective Equipment

Eye protection: No special requirements under normal use conditions.
Hand protection: No special requirements under normal use conditions.
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Liquid
Specific gravity: 0.997
Vapor density: No information available
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: Completely Soluble
Solubility in other solvents: No information available
Partition coefficient (n-octanol/water): No information available
Elemental Phosphorus: 0.00 % by wt.
pH: 10.7
Explosion limits: - upper: Not determined - lower: Not determined
Bulk density: No information available
Evaporation Rate: No information available
Color: Clear Blue
Odor: Ammonia
Melting point/range: Not determined
Autoignition temperature: No information available
Density: 8.34 lbs/gal 1 Kg/L
Flash point: 185 °F 85.0 °C
Viscosity: No information available
VOC: 0.5 %
Dilution pH: 10.7 @ RTU

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be greater than 5000 mg/kg; Dermal LD50 estimated to be > 2000 mg/kg
Component Information: See Section 3
Chronic toxicity: None known

WINDEX Powerized Glass Cleaner (RTU)

Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

Ingredient(s)	CAS #	NTP	IARC	OSHA
Isopropyl alcohol	67-63-0		3	X

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

DOT Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

IMDG Bill of Lading Description: Same as DOT above.

15. REGULATORY INFORMATION

International Inventories at CAS# Level
All components of this product are listed on the following inventories: U.S.A. (TSCA)

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

RIGHT TO KNOW (RTK)					
Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Ammonium hydroxide	1336-21-6	X	X	X	X
Water	7732-18-5	-	-	-	-

CERCLA SARA			
Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)
Ammonium hydroxide	1336-21-6	0.1 - 1.5%	1000
			Section 302 TPO (lbs)
			Section 313
			X

SARA 311/312 Hazard Categories

Immediate: -
Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -
Canada
WHMIS hazard class: Not for sale in Canada

16. OTHER INFORMATION

WINDEX Powerized Glass Cleaner (RTU)

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I - PRODUCT IDENTIFICATION

Product Name: Germicidal Multi-Purpose Cleaner
Product Number: 105
Product Type: AEROSOL
Formula: Proprietary
Supplier's Name: Terand Industries, Inc.
Supplier's Address: P.O. Box 667770, Pompano Beach, FL 33066
DOT Ship Description: CONSUMER COMMODITY, ORM-D

Date Prepared: 7/25/2008

Information Phone: (954) 974-5440
Emergency Phone: (800) 535-5053

HMIS Rating (Based on Aerosol Conc.):
0-Minimal 1-Slight 2-Moderate
3-Serious 4-Extreme

HEALTH:	1
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
Personal Protection:	B

SECTION II - INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TLV-TWA
n-Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.125	NO	NO	NO	N/E	N/E
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	0.125	NO	NO	NO	N/E	N/E
Liquefied Petroleum Gas	68476-86-8	5 - 10	NO	NO	NO	1000 ppm	1000 ppm

All ingredients used to manufacture this product are listed on the TSCA chemical substance inventory.

SECTION III - PHYSICAL DATA

Aerosol Concentrate:

Boiling Point: 203°F
pH: 12
Appearance/Odor: Clear liquid with ammoniated-lemon scent

Specific Gravity (H₂O=1)@70°F: 1.002
Solubility In Water: Complete
Vapor Density(Air=1): >1

Total Contents:

Total VOC %: 7.22%

Vapor Pressure (can; psig @72°F): 50 psig

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Conc.): None to Boiling (T.O.C)
Extinguishing Media: Foam, CO₂, Dry Media

Flammability (as per CSMA Flame Projection Test): Non-Flammable Spray

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting.

SECTION V - REACTIVITY DATA

Stability: Material Stable.

Hazardous Polymerization: Will not occur.

Compatibility: Avoid contact with strong oxidizing agents, Alkaline Oxides, Acid Anhydrides, and Halogen Esters.

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxides.

SECTION VI - STORAGE AND HANDLING

NFPA Code 30B Rating: Level 1 Aerosol.

KEEP OUT OF REACH OF CHILDREN.

For Industrial and Institutional use only.

Avoid contact with skin, eyes, or clothing.

Remove and wash contaminated clothing before reuse.

Wash thoroughly with soap and water after handling, especially before eating, drinking, chewing gum, or using tobacco.

SECTION VII - HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause moderate irritation.

Skin: Frequent or prolonged contact may cause irritation.

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause dizziness, nausea, respiratory depression, circulatory shock, convulsion and other central nervous system effects.

Ingestion: Can cause gastrointestinal irritation, mucosal damage, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause pulmonary injury.

FIRST AID PROCEDURES:

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Skin: Take off any contaminated clothing. Rinse immediately with plenty of water for 15-20 minutes. If irritation persists, call a poison control center or doctor for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless instructed to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

SECTION VIII - SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.

Ventilation: Provide local exhaust to keep vapor concentration of ingredients listed in Section II below acceptable limits.

Protective Gloves: Use chemical resistant gloves if hand contact will be made.

Eye Protection: Always wear safety glasses or chemical proof goggles when using aerosol products.

SECTION IX - SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.

