

# WINDEX CONCENTRATE

|                                             |                                                                                                                            |                                              |                                                                                                                                |        |   |             |   |            |   |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------|---|-------------|---|------------|---|
| National Fire Protection Association (NFPA) | <div><div>Fire Hazard</div><div>Health<div>2</div><div>0</div><div>0</div>Reactivity</div><div>Specific Hazard</div></div> | Hazardous Material Information System (HMIS) | <table><tr><td>Health</td><td>2</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table> | Health | 2 | Fire Hazard | 0 | Reactivity | 0 |
| Health                                      | 2                                                                                                                          |                                              |                                                                                                                                |        |   |             |   |            |   |
| Fire Hazard                                 | 0                                                                                                                          |                                              |                                                                                                                                |        |   |             |   |            |   |
| Reactivity                                  | 0                                                                                                                          |                                              |                                                                                                                                |        |   |             |   |            |   |
| Protective Clothing                         | None required.                                                                                                             | Emergency Overview                           | Clear Blue. Liquid. See Section 9.<br>CAUTION: May cause eye irritation. MAY BE HARMFUL IF SWALLOWED.                          |        |   |             |   |            |   |

## Section 1. Chemical Product and Company Identification

|                                                                                                                                                                       |                                             |                         |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------|-------------------------|
| Product Name                                                                                                                                                          | WINDEX CONCENTRATE                          | Code                    | 90136                   |
| Product Use                                                                                                                                                           | Industrial/Institutional: Cleaning product. | PMS#                    | 3007857                 |
| MSDS#                                                                                                                                                                 | 126012003                                   | Validation Date         | 9/24/2002               |
| U.S. Headquarters<br>Drackett Professional<br>A Division of<br>JohnsonDiversey, Inc.<br>8310 16th Street<br>Sturtevant, Wisconsin 53177-0902<br>Phone: (800) 725-6737 |                                             | Print Date              | 9/24/2002               |
|                                                                                                                                                                       |                                             | Supersedes              | No Previous Validation. |
|                                                                                                                                                                       |                                             | In Case of<br>Emergency | (800) 851-7145          |
|                                                                                                                                                                       |                                             |                         |                         |

## Section 2. Composition and Information on Ingredients

| Ingredients     | CAS #     | % by Weight | Exposure Limits                                                                                            | LC50/LD50                                                                                                                    |
|-----------------|-----------|-------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Ammonia         | 1336-21-6 | < 1.0       | ACGIH (United States, 1998).<br>TWA: 25 ppm<br>STEL: 35 ppm<br>OSHA (United States).<br>TWA: 50 ppm        | ORAL (LD50): Acute: 350 mg/kg [Rat]. 750 mg/kg [Cat.].                                                                       |
| 2-Butoxyethanol | 111-76-2  | 15-20       | OSHA (United States).<br>TWA: 120 mg/m <sup>3</sup><br>ACGIH (United States).<br>TWA: 97 mg/m <sup>3</sup> | ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat]. |
| Water           | 7732-18-5 | 60-100      | Not available.                                                                                             | Not available.                                                                                                               |

## Section 3. Hazards Identification

|                                            |                                                                                         |
|--------------------------------------------|-----------------------------------------------------------------------------------------|
| Routes of Entry                            | Inhalation. Skin contact. Eye contact. Ingestion.                                       |
| Potential Acute Health Effects             |                                                                                         |
| <i>Eyes</i>                                | May be moderately irritating to eyes.                                                   |
| <i>Skin</i>                                | Prolonged or repeated contact may dry skin and cause irritation.                        |
| <i>Inhalation</i>                          | May be irritating to nose, throat, and respiratory tract.                               |
| <i>Ingestion</i>                           | May cause abdominal discomfort, nausea, vomiting and diarrhea.                          |
| Medical Conditions                         | Persons with pre-existing skin disorders may be more susceptible to irritating effects. |
| Aggravated by Overexposure:                |                                                                                         |
| See Toxicological Information (section 11) |                                                                                         |

## WINDEX CONCENTRATE

Material Safety Data Sheet

### Section 4. First Aid Measures

|              |                                                                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact  | Flush immediately with plenty of water. If irritation persists, get medical attention.                                                    |
| Skin Contact | Rinse with plenty of running water.                                                                                                       |
| Inhalation   | If breathing is difficult: Remove to fresh air. Get medical attention.                                                                    |
| Ingestion    | Immediately drink 1-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately. |

### Section 5. Fire Fighting Measures

|                                               |                                                                                                                                     |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Flammability of the Product                   | None known.                                                                                                                         |
| Flash Points                                  | CLOSED CUP: >93.333°C (200°F).                                                                                                      |
| Products of Combustion                        | None known.                                                                                                                         |
| Fire Fighting Media and Instructions          | Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used. |
| Special Remarks on Fire and Explosion Hazards | None known.                                                                                                                         |

### Section 6. Accidental Release Measures

|                                                |                                                                                                                                                                                                                                                |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions                           | Put on appropriate personal protective equipment (see Section 8.).                                                                                                                                                                             |
| Environmental Precautions and Clean-up Methods | In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up. |

### Section 7. Handling and Storage

|          |                                                                                                                                                                                                      |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling | Do not taste or swallow. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use appropriate hygiene measures when handling product. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. |
| Storage  | Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.                                                                                                 |

### Section 8. Exposure Controls/Personal Protection

|                      |                                                                            |
|----------------------|----------------------------------------------------------------------------|
| Engineering Controls | No special ventilation requirements. General room ventilation is adequate. |
| Personal Protection  |                                                                            |
| Eyes                 | No special requirements under normal use conditions.                       |
| Hands                | No special requirements under normal use conditions.                       |
| Respiratory          | No special requirements under normal use conditions.                       |
| Feet                 | No special requirements under normal use conditions.                       |
| Body                 | No special protective clothing is required.                                |

### Section 9. Physical and Chemical Properties

|                               |                       |
|-------------------------------|-----------------------|
| Physical State and Appearance | Liquid.               |
| Odor                          | Ammoniacal.           |
| Color                         | Clear Blue.           |
| pH                            | 10.4 to 11.4 [Basic.] |
| Specific Gravity              | 0.992                 |
| Boiling/Condensation Point    | 100°C (212°F)         |
| Melting/Freezing Point        | 0°C (32°F)            |
| Solubility in water           | Complete.             |

Continued on Next Page

Page: 2/4



## WINDEX CONCENTRATE

## Material Safety Data Sheet

**Section 10. Stability and Reactivity**

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Stability and Reactivity                | The product is stable.                  |
| Conditions of Instability               | None known.                             |
| Incompatibility with Various Substances | Not available.                          |
| Hazardous Decomposition Products        | Produces normal products of combustion. |
| Hazardous Polymerization                | Will not occur.                         |

**Section 11. Toxicological Information**

|                             |                                              |
|-----------------------------|----------------------------------------------|
| Acute toxicity              | ORAL (LD50) Between 2400 - 5000 mg/kg (rat). |
| Effects of Chronic Exposure | None known.                                  |
| Other Toxic Effects         | Not available.                               |

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Waste Information | No special precautions. Dispose of according to all federal, state and local regulations. |
|-------------------|-------------------------------------------------------------------------------------------|

**Section 14. Transport Information**

## DOT Classification

|                          |                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------|
| DOT Proper Shipping Name | Please refer to the Bill of Lading/receiving documents for up to date shipping information. |
|--------------------------|---------------------------------------------------------------------------------------------|

## TDG Classification

|                          |                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------|
| TDG Proper Shipping Name | Please refer to the Bill of Lading/receiving documents for up to date shipping information. |
|--------------------------|---------------------------------------------------------------------------------------------|

**Section 15. Regulatory Information**

Reporting in this section is based on ingredients disclosed in Section 2

## US Regulations

Federal CERCLA: Hazardous substances.: 2-Butoxyethanol

State New Jersey spill list: 2-Butoxyethanol

New Jersey: 2-Butoxyethanol

Massachusetts spill list: 2-Butoxyethanol

Massachusetts RTK: 2-Butoxyethanol

Pennsylvania RTK: 2-Butoxyethanol

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

Registered Product  
Information

Not applicable.

## Canadian Regulations

Canadian NPRI Canadian NPRI: 2-Butoxyethanol.

WHMIS Classification CLASS D-2B: Material causing other toxic effects (TOXIC).

WHMIS Icon



Registered Product  
Information

Not applicable.

Continued on Next Page

## WINDEX CONCENTRATE

### Material Safety Data Sheet

|                           |                                                                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical Inventory Status | All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Section 16. Other Information

|                              |                |
|------------------------------|----------------|
| Other Special Considerations | Not available. |
|------------------------------|----------------|

|         |      |
|---------|------|
| Version | 1.01 |
|---------|------|

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