


UHS FLOOR CLEANER

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|---|---|--|--|------------|
| National Fire Protection Association (NFPA) | Fire Hazard | Hazardous Material Information System (HMIS) | Health | 3 |
| | Health | | 3 | Reactivity |
| Specific Hazard | | | Fire Hazard | 0 |
| Protective Clothing |  | Emergency Overview | Clear Blue. Green. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED. | |

| Section 1. Chemical Product and Company Identification | | | | |
|---|---|--|---------------------------------|--|
| Product Name | UHS FLOOR CLEANER | | Code | 4683 |
| Product Use | Industrial/Institutional: Floor care. | | PMS# | 433453 |
| MSDS# | 114680003 | | Validation Date | 5/4/2004 |
| U.S. Headquarters | Canadian Headquarters | | Print Date | 5/4/2004 |
| JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversey.com | JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131 | | Supersedes In Case of Emergency | No Previous Validation (800) 851-7145 |

| Section 2. Composition and Information on Ingredients | | | | |
|---|-----------|-------------|--|---|
| Ingredients | CAS # | % by Weight | Exposure Limits | LC50/LD50 |
| Ammonium Hydroxide | 1336-21-6 | 1-5 | Not available. | ORAL (LD50): Acute: 350 mg/kg [Rat]. |
| Monoethanolamine | 141-43-5 | 1-5 | OSHA (United States). TWA: 8 mg/m ³ STEL: 15 mg/m ³ ACGIH (United States). TWA: 7.5 mg/m ³ STEL: 15 mg/m ³ ACGIH TLV (United States, 2003). Notes: STEL: 15 mg/m ³ 15 minute(s). STEL: 6 ppm 15 minute(s). TWA: 7.5 mg/m ³ 8 hour(s). TWA: 3 ppm 8 hour(s). OSHA PEL (United States, 1993). Notes: TWA: 6 mg/m ³ 8 hour(s). TWA: 3 ppm 8 hour(s) | ORAL (LD50): Acute: 1720 mg/kg [Rat]. 620 mg/kg [Guinea pig]. 700 mg/kg [Mouse]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit]. |
| 2-Butoxyethanol | 111-76-2 | 1-5 | OSHA (United States). TWA: 120 mg/m ³ ACGIH (United States). TWA: 97 mg/m ³ ACGIH TLV (United States, 2003). Notes: 2002 Adoption. TWA: 20 ppm 8 hour(s). OSHA PEL (United States, | ORAL (LD50): Acute: 470 mg/kg [Rat]. 300 mg/kg [Rabbit]. 1200 mg/kg [Guinea pig]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat]. |

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|-------|-----------|--------|---|----------------|
| Water | 7732-18-5 | 60-100 | 1993). Skin Notes: TWA: 240 mg/m ³ 8 hour(s). TWA: 50 ppm 8 hour(s) Not available. | Not available. |
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Section 3. Hazards Identification

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| Routes of Entry | Inhalation. Skin contact. Eye contact. |
| Potential Acute Health Effects | <p><i>Eyes</i> Corrosive. May cause permanent damage including blindness.</p> <p><i>Skin</i> Corrosive. May cause permanent damage.</p> <p><i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p><i>Ingestion</i> Corrosive. May cause burns to mouth, throat, and stomach.</p> |
| Medical Conditions Aggravated by Overexposure: | Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects. |
| See Toxicological Information (section 11) | |

Section 4. First Aid Measures

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| Eye Contact | Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately. |
| Skin Contact | Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately. |
| Inhalation | If breathing is difficult: Remove to fresh air. Get medical attention immediately. |
| Ingestion | Do not induce vomiting! Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately. |

Section 5. Fire Fighting Measures

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| Flammability of the Product | None known. |
| Flash Points | None. |
| 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. |
| Protective Clothing (Fire) | Put on appropriate personal protective equipment (see Section 8). |
| Special Remarks on Fire and Explosion Hazards | Corrosive material (See sections 8 and 10). |

Section 6. Accidental Release Measures

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| 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

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| Handling | Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. |
| Storage | Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN. |

Section 8. Exposure Controls/Personal Protection

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| Engineering Controls | Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained. |
| Personal Protection | |
| <i>Eyes</i> | Chemical splash goggles. |
| <i>Hands</i> | Chemical resistant gloves. Includes: Rubber gloves. Neoprene gloves. Butyl gloves. |
| <i>Respiratory</i> | If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. |
| <i>Feet</i> | Protective footwear. |
| <i>Body</i> | If major exposure is possible, wear suitable protective clothing and footwear. |

Section 9. Physical and Chemical Properties

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| Physical State and Appearance | Liquid. |
| Odor | Ammoniacal. |
| Color | Clear Blue. Green. |
| pH | 11.2 to 12 [Basic.] |
| Specific Gravity | 1 |
| Melting/Freezing Point | <0°C (32°F) |
| Solubility in water | Complete. |

Section 10. Stability and Reactivity

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| Stability and Reactivity | The product is stable. |
| Conditions of Instability | None known. |
| Incompatibility with Various Substances | Reactive with acids. |
| Hazardous Decomposition Products | When exposed to fire: Produces normal products of combustion. Toxic decomposition products include: Oxides of nitrogen. |
| Hazardous Polymerization | Will not occur. |

Section 11. Toxicological Information

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| Acute toxicity | Corrosive. |
| Effects of Chronic Exposure | None known. |
| Other Toxic Effects | None known. |

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

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| Waste Information | Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations. |
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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.
TDG Class

Section 15. Regulatory Information

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

US Regulations

Federal SARA 302/304/311/312 hazardous chemicals: Ammonium Hydroxide, Monoethanolamine, 2-Butoxyethanol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Ammonium Hydroxide, Monoethanolamine, 2-Butoxyethanol
SARA 313 toxic chemical notification and release reporting: Ammonium Hydroxide, 2-Butoxyethanol
Clean Water Act (CWA) 311: Ammonium Hydroxide
CERCLA: Hazardous substances.: Ammonium Hydroxide, 2-Butoxyethanol

State New Jersey spill list: Ammonium Hydroxide, 2-Butoxyethanol
New Jersey: Ammonium Hydroxide, Monoethanolamine, 2-Butoxyethanol
New Jersey toxic catastrophe prevention act: Ammonium Hydroxide
Massachusetts spill list: Ammonium Hydroxide, Monoethanolamine, 2-Butoxyethanol
Massachusetts RTK: Ammonium Hydroxide, Monoethanolamine, 2-Butoxyethanol
Pennsylvania RTK: Ammonium Hydroxide, Monoethanolamine, 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 E: Corrosive liquid.

WHMIS Icon



Registered Product Information Not applicable.

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

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| Other Special Considerations | Not available. |
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| Version | 2.01 |
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