UHS SC FLOOR CLEANER

National Fire Protection Association (NFPA)

Fire Hazard

Hazardous Material Information System (HMIS)

Specific Hazard

Protective Clothing

Emergency Overview

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 SC FLOOR CLEANER

Product Use: Industrial/Institutional: Floor cleaning. This product is intended to be diluted prior to use.

MSDS# 113825002

U.S. Headquarters
JohnsonDiversey, Inc.
8310 15th Street
Sturtevant, Wisconsin 53177-0902
Phone: (800) 725-6737
MSDS Internet Address: www.johnsondiversey.com

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-888-746-6975

PMS# 430034

Validation Date: 10/21/2003

Print Date: 10/21/2003

Supersedes: 8/6/2003

In Case of Emergency: (800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients | CAS # | % by Weight | Exposure Limits | LC50/LD50
---|---|---|---|---
Polyacrylic Acid | 1338-21-6 | 1-5 | Not available. | Not available.
Ammonium Hydroxide | 1336-21-6 | 1-5 | Not available. | ORAL (LD50): Acute: 350 mg/kg [Rat].
Alkoxylated Linear Alcohols | 68987-81-5 | 5-10 | Not available. | ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
2-Butoxyethanol | 111-76-2 | 10-30 | OSHA (United States). TWA: 120 mg/m³ ACGIH (United States). TWA: 97 mg/m³ | ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
Monoethanolamine | 141-43-5 | 30-40 | OSHA (United States). TWA: 8 mg/m³ STEL: 15 mg/m³ ACGIH (United States). TWA: 7.5 mg/m³ STEL: 15 mg/m³ | Not available.
Water | 7732-18-5 | 10-30 | Not available. | Not available.

Section 3. Hazards Identification

Routes of Entry: Inhalation. Skin contact. Eye contact.

Potential Acute Health Effects

*Eye* Corrosive. May cause permanent damage including blindness.

*Skin* Corrosive. May cause permanent damage.

*Inhalation* May cause irritation and corrosive effects to nose, throat and respiratory tract.

*Ingestion* Corrosive. May cause burns to mouth, throat, and stomach.

Medical Conditions: 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**

**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**

**Flammability of the Product**
None known.

**Flash Points**
Closed cup: >93.33°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.

**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**

**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**
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**

**Engineering Controls**
Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

**Personal Protection**

*Eyes*
Chemical splash goggles.

*Hands*
Chemical resistant gloves. Includes: Neoprene gloves.

*Respiratory*
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.

*Foot*
Protective footwear.

*Body*
If major exposure is possible, wear suitable protective clothing and footwear.

**Section 9. Physical and Chemical Properties**

**Physical State and Appearance**
Liquid.

**Odor**
Fragrance like.

**Color**
Blue. Green.

**pH**
>12 [Basic.]

**Specific Gravity**
1.01

**Solubility in water**
Complete.
### Section 10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Stability and Reactivity</th>
<th>The product is stable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions of Instability</td>
<td>None known.</td>
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<tr>
<td>Incompatibility with Various</td>
<td>Reactive with acids.</td>
</tr>
<tr>
<td>Substances</td>
<td></td>
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<tr>
<td>Hazardous Decomposition</td>
<td>When exposed to fire: Produces normal products of combustion.</td>
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<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur.</td>
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### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Corrosive.</th>
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<td>Effects of Chronic Exposure</td>
<td>None known.</td>
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<tr>
<td>Other Toxic Effects</td>
<td>None known.</td>
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### Section 12. Ecological Information

Not available.

### Section 13. Disposal Considerations

| 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. |

### Section 14. Transport Information

<table>
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<tr>
<th>DOT Classification</th>
<th>Please refer to the Bill of Lading/receiving documents for up to date shipping information.</th>
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<td>DOT Proper Shipping Name</td>
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### Section 15. Regulatory Information

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

**US Regulations**

- Federal: 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

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.
### Section 16. Other Information

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<th>Other Special Considerations</th>
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<td>Version</td>
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