Power-Foam Bravo Heavy Duty Stripper for Spot Buildups

Version Number: 1

Preparation date: 2014-05-12

1. IDENTIFICATION

Product name: Power-Foam Bravo Heavy Duty Stripper for Spot Buildups
Product Code: 94966769
SDS #: MS0800173
Recommended use:
• Industrial/Institutional
• Floor care

Uses advised against: Uses other than those identified are not recommended

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

Canadian Headquarters
Diversey, Inc. - Canada
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product:

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/iritation</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Flammability</td>
<td>Extremely flammable aerosol, Category 1</td>
</tr>
</tbody>
</table>

Signal Word: Danger

Precautionary Statements:

EXTREMELY FLAMMABLE AEROSOL. HEATING MAY CAUSE AN EXPLOSION. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE.
Avoid contact with eyes, skin and clothing. Causes burns/serious damage to mouth, throat and stomach. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Keep container tightly closed. Do not pierce or burn, even after use. Do not incinerate. Do not breathe spray. Wash affected areas thoroughly after handling. Wear chemical-splash goggles, chemical-resistant gloves and protective footwear. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or doctor/physician. Wash contaminated clothing before reuse. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C (122°F) which may cause bursting. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ @ RTU
This product is intended to be used neat.

Precautionary Statements

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Classified Ingredients</th>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Isobutane</td>
<td>75-28-5</td>
<td>5 - 10%</td>
</tr>
<tr>
<td></td>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>3% - &lt; 5%</td>
</tr>
<tr>
<td></td>
<td>Diethylene glycol butyl ether</td>
<td>112-34-5</td>
<td>3% - &lt; 5%</td>
</tr>
<tr>
<td></td>
<td>Ethoxylated secondary alcohol</td>
<td>84133-50-6</td>
<td>1% - &lt; 3%</td>
</tr>
<tr>
<td></td>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>1% - &lt; 3%</td>
</tr>
<tr>
<td></td>
<td>Monethanolamine</td>
<td>141-43-5</td>
<td>1% - &lt; 3%</td>
</tr>
<tr>
<td></td>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>1% - &lt; 3%</td>
</tr>
</tbody>
</table>

*Exact percentages are being withheld as trade secret information

### 4. FIRST AID MEASURES

**Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.  
**Skin:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.  
**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.  
**Immediate medical attention and special treatment needed:** Not applicable.  
**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

**Diluted Product:**

This product is intended to be used neat.

**Eyes:** See undiluted product information above.  
**Skin:** See undiluted product information above.  
**Inhalation:** See undiluted product information above.  
**Ingestion:** See undiluted product information above.

### 5. FIRE-FIGHTING MEASURES

**Specific methods:** Aerosol Product - Containers may rocket or explode in heat of fire. Use water spray to keep fire-exposed containers cool  
**Suitable extinguishing media:** Use dry chemical, CO2, water spray or “alcohol” foam.  
**Specific hazards:** Aerosol product - Containers may rocket or explode in heat of fire. NFPA 30B Level 1 Aerosol.
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: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Remove all sources of ignition. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Do not let product overspray on to the floor as the product's ingredients could make the floor slippery. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: NFPA 30B Level 1 Aerosol. Protect from freezing. Store in a cool, dry, well ventilated area away from heat or open flame. Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.
Aerosol Level (if applicable): Not applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>1000 ppm (STEL)</td>
<td>-</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>2 mg/m³ (Ceiling)</td>
<td>-</td>
</tr>
<tr>
<td>Diethylene glycol butyl ether</td>
<td>112-34-5</td>
<td>10 ppm (TWA)</td>
<td>-</td>
</tr>
<tr>
<td>Ethoxylated secondary alcohol</td>
<td>84133-50-6</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>20 ppm (TWA)</td>
<td>Skin 50 ppm (TWA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>240 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>6 ppm (STEL)</td>
<td>3 ppm (TWA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 ppm (TWA)</td>
<td>6 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Undiluted Product:
Engineering measures to reduce exposure: Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection: Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. 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.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:
This product is intended to be used neat.

Personal Protective Equipment

Eye protection: Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. 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.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES:
Stability and Reactivity

Reactivity: Not Applicable
Stability: The product is stable
Hazardous decomposition products: None known.
Materials to avoid: Acids.
Conditions to avoid: Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

Toxicological Information

Information on likely routes of exposure:
Eye contact, Skin contact, Inhalation, Ingestion

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure:

Skin contact: Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).
Eye contact: Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.
Ingestion: Causes burns/serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.
Sensitization: No known effects.

Numerical measures of toxicity

| ATE - Oral (mg/kg): | >5000 |
| ATE - Dermal (mg/kg): | >5000 |
| ATE - Inhalatory, mists (mg/l): | >20 |
| ATE - Inhalatory, vapors (mg/l): | >50 |

Ecological Information

Ecotoxicity: No information available.
Persistence and Degradability: No information available.
Bioaccumulation: No information available.

Disposal Considerations

Waste from residues / unused products: This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. Use up contents if possible before disposal. If possible, recycle empty aerosol cans to the nearest steel recycling center.
Contaminated Packaging: Do not re-use empty containers.
RCRA Hazard Class (undiluted product): D001 Ignitable Waste D002 Corrosive Waste
15. REGULATORY INFORMATION

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

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

RIGHT TO KNOW (RTK)

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
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<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Diethylene glycol butyl ether</td>
<td>112-34-5</td>
<td>-</td>
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<tr>
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<td>111-76-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
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<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td>100-51-6</td>
<td>X</td>
<td>-</td>
<td>X</td>
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</tr>
</tbody>
</table>

CERCLA/ SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>3.96</td>
<td>1000</td>
<td>X</td>
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<tr>
<td>Diethylene glycol butyl ether</td>
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<td>3.04</td>
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<td>X</td>
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</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>1.96</td>
<td></td>
<td>X</td>
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</tr>
</tbody>
</table>

CAA HAP | CAA ODS | CWA Priority Pollutants

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAA HAP</th>
<th>CAA ODS</th>
<th>CWA Priority Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol butyl ether</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Canada

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol butyl ether</td>
<td>112-34-5</td>
<td>X</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA
Health 3
Flammability 4
Instability 0

Version Number: 1
Preparation date: 2014-05-12

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice:  • Does not contain an added fragrance

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