1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SPITFIRE SC Power Cleaner

Manufacturer, importer, supplier:
US Headquarters
Diversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249

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

EMERGENCY OVERVIEW
DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. MAY BE HARMFUL IF SWALLOWED.

Principal routes of exposure:
- Eye contact
- Skin contact
- Inhalation

Eye contact: Corrosive. Causes permanent eye damage, including blindness.

Skin contact: Corrosive. Causes permanent damage.

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

Ingestion: May be irritating to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>10 - 20%</td>
<td>1400</td>
<td>=220 mg/kg</td>
<td>=450 ppm (4 h)</td>
</tr>
<tr>
<td>Alcohol ethoxylates</td>
<td>68439-46-3</td>
<td>10 - 20%</td>
<td>1400</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>5 - 10%</td>
<td>1515</td>
<td>=1 mL/kg</td>
<td>Not available</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>5 - 10%</td>
<td>1230</td>
<td>=2 g/kg</td>
<td>=8.8 mg/L (4 h)</td>
</tr>
<tr>
<td>Lauryl dimethyl amine oxide</td>
<td>1643-20-5</td>
<td>1 - 5%</td>
<td>2700</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Immediately flush with plenty of water for 15-20 minutes. Get medical attention immediately.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion: THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If swallowed, give a cupful of water or milk.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Extinguishing media which must not be used for safety reasons: No information available.
Specific hazards: Not applicable.
Unusual hazards: Corrosive material (See sections 8 and 10).

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. 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. 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:
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.

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>20 ppm (TWA)</td>
<td>Skin 50 ppm (TWA)</td>
<td>75 ppm (STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>240 mg/m³ (TWA)</td>
<td>360 mg/m³ (STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26 ppm (TWA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>120 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>6 ppm (STEL)</td>
<td>Skin 3 ppm (TWA)</td>
<td>6 ppm (STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 ppm (TWA)</td>
<td>15 mg/m³ (STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6 mg/m³ (TWA)</td>
<td>3 ppm (TWA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8 mg/m³ (TWA)</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Liquid Aqueous solution
Specific gravity: 1.026
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: 12.5
Explosion limits: - upper: Not determined - lower: Not determined

Bulks density: No information available
Evaporation Rate: No information available
Color: Clear, Red
Odor: Pine Fresh
Melting point/range: Not determined
Autoignition temperature: No information available
Density: 8.56 lbs/gal 1.026 Kg/L
Flash point: > 200 °F > 93.3 °C
Viscosity: No information available
VOC: 19.7 %

Dilution pH: 11.45 @ 1:12
10. STABILITY AND REACTIVITY

Stability: The product is stable.
Polymerization: Hazardous polymerization does not occur.
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Acids. Strong oxidising agents.
Conditions to avoid: Do not mix with any other product or chemical.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Corrosive. Oral LD50 estimated to be between 2000 - 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.
Component Information: See Section 3.
Chronic toxicity: None known
Specific effects
  Carcinogenic effects: None known
  Mutagenic effects: None known
  Reproductive toxicity: None known
  Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, only available through Internet Explorer, http://naextranet.diversey.com/dot/, for up to date shipping information.
DOT (Ground) Bill of Lading Description: LTD. QTY.

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)

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Alcohol ethoxylates</td>
<td>68439-46-3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium xylene sulfonate</td>
<td>1300-72-7</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
</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>2-butoxyethanol</td>
<td>111-76-2</td>
<td>10 - 20%</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Ingredient(s)</td>
<td>CAA HAP</td>
<td>CAA ODS</td>
<td>CWA Priority Pollutants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>---------</td>
<td>---------</td>
<td>-------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**

- **Immediate:** x
- **Delayed:** -
- **Fire:** -
- **Reactivity:** -
- **Sudden Release of Pressure:** -

**Canada**

**WHMIS hazard class:** E Corrosive material.

**Ingredient(s)**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>X</td>
</tr>
</tbody>
</table>

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:**
- Contains an added fragrance, see "Odor" heading in section 9 for specific description
- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

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