### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** PROTEIN SPOTTER  
**MSDS #:** MS0300121  
**Product Code:** 5002611  
**Recommended use:** • Carpet Care

**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  
- **MSDS Internet Address:** www.diversey.com  
- **Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

**CAUTION. MAY BE MILDLY IRRITATING TO EYES. MAY BE MILDLY IRRITATING TO SKIN.**

**Principal routes of exposure:** Eye contact. Skin contact. Inhalation.  
**Eye contact:** May be mildly irritating to eyes.  
**Skin contact:** May be mildly irritating to skin.  
**Inhalation:** None

### 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>Triethanolamine</td>
<td>102-71-6</td>
<td>1 - 5%</td>
<td>4190</td>
<td>&gt;2000 mg/kg</td>
<td>Not available</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>0.1 - 1.5%</td>
<td>Not available</td>
<td>7640 µL/kg</td>
<td>Not available</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>1336-21-6</td>
<td>0.1 - 1.5%</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>1 - 5%</td>
<td>4396</td>
<td>12870 mg/kg</td>
<td>72.6 mg/L (4 h)</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**Eye contact:** Flush immediately with plenty of water. If irritation develops, get medical attention.  
**Skin contact:** Flush immediately with plenty of water. If irritation develops, get medical attention.  
**Inhalation:** No specific first aid measures are required.  
**Ingestion:** No specific first aid measures are required.  
**Aggravated Medical Conditions:** None known

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
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 and eyes. 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:**
No special ventilation requirements General room ventilation is adequate

**Personal Protective Equipment**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>5 mg/m³ (TWA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>1 mg/m³ (TWA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>400 ppm (STEL)</td>
<td>400 ppm (TWA) 980 mg/m³ (TWA)</td>
<td>500 ppm (STEL) 1225 mg/m³ (STEL)</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State: Liquid</th>
<th>Appearance: Aqueous solution</th>
<th>Specific gravity: 0.998</th>
<th>Vapor density: No information available</th>
<th>Boiling point/range: Not determined</th>
<th>Decomposition temperature: Not determined</th>
<th>Solubility: Completely Soluble</th>
<th>Solubility in other solvents: No information available</th>
<th>Partition coefficient (n-octanol/water): No information available</th>
<th>Elemental Phosphorus: 0 % by wt.</th>
<th>pH: 9.9</th>
<th>Explosion limits: - upper: Not determined - lower: Not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk density: No information available</td>
<td>Evaporation Rate No information available</td>
<td>Color: Clear Light Yellow</td>
<td>Odor: Ammonia</td>
<td>Melting point/range: Not determined</td>
<td>Autoignition temperature: No information available</td>
<td>Density: 8.34 lbs/gal Kg/L</td>
<td>Flash point: &gt; 200 °F &gt; 93.4 °C</td>
<td>Viscosity: No information available</td>
<td>VOC: 1.7 % *</td>
<td>Dilution pH: 9.9 @ RTU</td>
<td></td>
</tr>
</tbody>
</table>

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

**Stability:** The product is stable

**Polymerization:** Hazardous polymerization does not occur

**Hazardous decomposition products:** None reasonably foreseeable.
11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be greater than 5000 mg/kg
Component Information: See Section 3
Chronic toxicity: None known

Specific effects
Carcinogenic effects: This product contains a component that is classified by the International Agency for Research on Cancer (IARC) as Group 2B, "Possibly carcinogenic to humans", which is generally based on limited evidence of carcinogenicity in humans and less than sufficient evidence of carcinogenicity in experimental animals. No data is available on the product itself.
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td></td>
<td>2B</td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td></td>
<td>3</td>
<td>X</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations.

14. TRANSPORT INFORMATION


DOT Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

IMDG Bill of Lading Description: Same as DOT above.

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: WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer.

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>Triethanolamine</td>
<td>102-71-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>1336-21-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Tall oil fatty acid</td>
<td>61790-12-3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</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>Diethanolamine</td>
<td>111-42-2</td>
<td>0.1 - 1.5%</td>
<td>100</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>1336-21-6</td>
<td>0.1 - 1.5%</td>
<td>1000</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>1 - 5%</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>


### Ingredient(s)

<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>Diethanolamine</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

#### SARA 311/312 Hazard Categories

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

**Canada**

**WHMIS hazard class:** Non-controlled

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### 16. OTHER INFORMATION

**Reason for revision:** Not applicable

**Prepared by:** NAPRA

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