1 - Identification

| Product Name: Spot Shot Instant Carpet Stain Remover Aerosol | Manufacturer: WD-40 Company |
| Product Use: Carpet Cleaner | Address: 1061 Cudahy Place (92110) P.O. Box 80607 San Diego, California, USA 92138 –0607 |
| Restrictions on Use: None identified | Telephone: Emergency only: 1-888-324-7596 (PROSAR) Information: 1-888-324-7596 |
| SDS Date Of Preparation: 07/31/2014 | Chemical Spills: 1-800-424-9300 (Chemtrec) 1-703-527-3887 (International Calls) |

2 – Hazards Identification

**Hazcom 2012/GHS Classification:**
- Flammable Aerosol Category 1
- Gas Under Pressure: Compressed Gas
- Eye Irritant Category 2A

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

**Label Elements:**

- ![DANGER](image)

**DANGER!**
- Extremely Flammable Aerosol
- Contains gas under pressure; may explode if heated.
- Causes serious eye irritation.

**Prevention**
- Keep away from heat, sparks, open flames, hot surfaces – No smoking.
- Do not spray on an open flame or other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- Wash thoroughly after handling.
- Wear eye protection.

**Response**
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention

**Storage**
- Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

3 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Weight Percent</th>
<th>US Hazcom 2012/ GHS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-Butoxyethoxy) ethanol</td>
<td>112-34-5</td>
<td>&lt;10%</td>
<td>Eye Irritation Category 2A</td>
</tr>
</tbody>
</table>
2-Butoxyethanol 111-76-2 <5% Acute Oral Toxicity Category 4 Acute Dermal Toxicity Category 4 Acute Inhalation Toxicity Category 4 Eye Irritation Category 2A Skin Irritation Category 2

Liquefied Petroleum Gas 68476-85-7 <10% Flammable Gas Category 1 Gas Under Pressure, Compressed Gas

Note: The exact percentages are a trade secret.

4 – First Aid Measures

**Ingestion (Swallowed):** Do not induce vomiting. Call a physician, poison control center, or the WD-40 Safety Hotline at 1-888-324-7596. Rinse mouth with water and give one eight-ounce glass of water to drink if the patient if conscious and responsive. Never give anything by mouth to an unconscious person.

**Eye Contact:** Flush eyes with plenty of water for several minutes, lifting upper and lower eyelids occasionally. Remove contact lenses if present and easy to do after the first 5 minutes then continue flushing. Get medical attention if irritation persists.

**Skin Contact:** Wash skin with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists or symptoms of exposure develop.

**Inhalation (Breathing):** Remove to fresh air. Get medical attention if symptoms persist.

**Signs and Symptoms of Exposure:** Causes eye irritation May cause skin and respiratory irritation. Harmful if intentionally inhaled. Maybe harmful if absorbed through skin. May affect liver, kidneys, blood, lymphatic system or central nervous system.

**Indication of Immediate Medical Attention/Special Treatment Needed:** Immediate medical attention is not required.

5 – Fire Fighting Measures

**Suitable (and unsuitable) Extinguishing Media:** Use any media suitable for the surrounding fire. 

**Specific Hazards Arising from the Chemical:** Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force.

**Special Protective Equipment and Precautions for Fire-Fighters:** Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area.

**Methods and Materials for Containment/Cleanup:** Place leaking can in an open container in a well ventilated area until pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

7 – Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use with adequate ventilation. Keep away from heat, sparks, hot surfaces and open flames. Do not smoke or use around open flames or sources of extreme heat. **Intentional misuse by deliberately concentrating vapors and inhaling can be harmful or fatal.** Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture or incinerate containers.

**Conditions for Safe Storage:** Store in a cool, dry ventilated area. Protect from physical damage. Do not store in direct sunlight, near open flames or above temperatures greater than 120 F. Do not place can in hot water or near radiators, stoves or other sources of heat. U.F.C (NFPA 30B) Level 1 Aerosol.
8 – Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Occupational Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-Butoxyethoxy) ethanol</td>
<td>10 ppm TWA ACGIH TLV (inhalable fraction and vapor)</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>20 ppm TWA ACGIH TLV</td>
</tr>
<tr>
<td></td>
<td>50 ppm TWA (Skin) OSHA PEL</td>
</tr>
<tr>
<td>Liquefied Petroleum Gas (propane, n-butane)</td>
<td>1000 ppm Ceiling ACGIH TLV (butane)</td>
</tr>
<tr>
<td></td>
<td>1000 ppm TWA OSHA PEL (propane)</td>
</tr>
</tbody>
</table>

The Following Controls are Recommended for Normal Consumer Use of this Product

**Engineering Controls:** Use in a well-ventilated area.

**Personal Protection:**
- **Eye Protection:** Avoid eye contact. Always spray away from face.
- **Skin Protection:** Avoid prolonged skin contact. Wash hands with soap and water after use.
- **Respiratory Protection:** None needed for normal use with adequate ventilation.

For Bulk Processing or Workplace Use the Following Controls are Recommended

**Engineering Controls:** Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

**Personal Protection:**
- **Eye Protection:** Safety goggles recommended where eye contact is possible.
- **Skin Protection:** Wear appropriate protective clothing and chemical-resistant gloves to prevent skin contact. Wash thoroughly after handling.
- **Respiratory Protection:** None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

**Work/Hygiene Practices:** Wash with soap and water after handling.

9 – Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aerosol foam</td>
</tr>
<tr>
<td>Flammable Limits: (Solvent Portion)</td>
<td>LEL: 1.1% UEL: 10.6% (Propellant)</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild glycol ether odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not established</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>Not established</td>
</tr>
<tr>
<td>Boiling Point/Range:</td>
<td>-44 – 341°F (Propellant)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not established</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not established</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not flammable per Flame Extension Test</td>
</tr>
<tr>
<td>VOC</td>
<td>8.8%</td>
</tr>
<tr>
<td>Pour Point</td>
<td>Not established</td>
</tr>
</tbody>
</table>

10 – Stability and Reactivity

**Reactivity:** Not reactive under normal conditions.

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** May react with strong oxidizers generating heat.

**Conditions to Avoid:** Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.

**Incompatible Materials:** Avoid strong oxidizers, strong bases, acids and chlorinated solvents.

**Hazardous Decomposition Products:** Burning can produce carbon monoxide and/or carbon dioxide.
11 – Toxicological Information

**Symptoms of Overexposure:**

**Inhalation:** Excessive inhalation can cause headache, drowsiness, nausea and lack of coordination. Can cause irritation of respiratory tract. Overexposure to propellant may cause respiratory depression, heart rate rhythm irregularities, headache, shortness of breath, and unconsciousness.

**Skin Contact:** Can cause mild skin irritation. Harmful amounts may be absorbed through the skin with symptoms similar to those under inhalation and ingestion.

**Eye Contact:** Liquid sprayed into eyes may cause mild irritation.

**Ingestion:** Symptoms are similar to those of inhalation including pain, diarrhea and vomiting. May cause damage to the liver and kidneys.

**Chronic Effects:** 2-butoxyethanol has caused lymphatic system, blood, liver and kidney damage.

**Carcinogen Status:** None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.

**Reproductive Toxicity:** None of the components is considered a reproductive hazard.

**Numerical Measures of Toxicity:**

This product has been determined to be mildly irritating to the eyes by using a quantitative in vitro test method that mimics an acute ocular irritation test.

The following information is available for the individual components:

- **2-(2-Butoxyethoxy) ethanol:** Acute oral rat LD50: 4,500 mg/kg; Acute Dermal rabbit LD50: 4,120 mg/kg;
- **2-Butoxyethanol:** Inhalation Rat LC50 4-HR: 450 ppm; Acute oral rat LD50: 1,480 mg/kg; Acute Dermal rabbit LD50: 490 mg/kg

**Liquefied Petroleum Gas:** No toxicity data is available

12 – Ecological Information

**Ecotoxicity:**

- **2-(2-Butoxyethoxy) ethanol:** LC50 fish (lepisomus marcochirus) 1300 mg/L/96 hr; EC50 daphnia magna 3200 mg/L/24 hr
- **2-Butoxyethanol:** 96 hr LC50 Oncorhynchus mykiss 1474 mg/L; 48 hr EC50 daphnia magna 1550 mg/L; 72 hr EC50 Pseudokirchnerella subcapitata 911 mg/L

**Persistence and Degradability:** Solvents are readily biodegradable.

**Bioaccumulative Potential:** Bioaccumulation is not expected based on an assessment of the ingredients.

**Mobility in Soil:** No data available

**Other Adverse Effects:** None known

13 - Disposal Considerations

Aerosol containers should not be punctured, compacted in home trash compactors or incinerated. Empty containers may be disposed of through normal waste management options. Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

14 – Transportation Information

**DOT Surface Shipping Description:**

UN1950, Aerosols, 2.1 Ltd. Qty (Note: Shipping Papers are not required for Limited Quantities unless transported by air or vessel – each package must be marked with the Limited Quantity Mark)

**IMDG Shipping Description:** Un1950, Aerosols, 2.1, LTD QTY

**ICAO Shipping Description:** UN1950, Aerosols, flammable, 2.1 NOTE: WD-40 does not test aerosol cans to assure that they meet the pressure and other requirements for transport by air. We do not recommend that our aerosol products be transported by air.

15 – Regulatory Information

**U.S.Federal Regulations:**
CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:
Hazard Category For Section 311/312: Acute Health, Fire Hazard, Sudden Release of Pressure
Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements:
  2-butoxyethanol: <5% by wt. (glycol ether compound)
  2-(2-Butoxyethoxy) ethanol: <10% by wt. (glycol ether compound)

Section 302 Extremely Hazardous Substances (TPQ): None
EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.
California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not contain chemicals regulated under California Proposition 65.
Canadian Environmental Protection Act: One of the components is listed on the NDSL. All of the other ingredients are listed on the Canadian Domestic Substances List or exempt from notification.
Canadian WHMIS Classification: Class A (Compressed Gas), Class B 5 (Flammable aerosol), Class D-2-B (Toxic material causing other toxic effects)

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

16 – Other Information:

HMIS Hazard Rating:
Health – 2 (moderate hazard), Fire Hazard – 2 (moderate hazard), Physical Hazard – 0 (minimal hazard)

Revision Date: July 31, 2014 Supersedes: August 13, 2012

Revision Summary: Convert to Hazcom 2012. Changes in all sections.

Prepared by: Industrial Health & Safety Consultants, Inc. Shelton, CT, USA

APPROVED By: I. Kowalski Regulatory Affairs Dept.