



Safety Data Sheet



1 - Identification

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

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

Ingredient	CAS #	Weight Percent	US Hazcom 2012/ GHS Classification
2-(2-Butoxyethoxy) ethanol	112-34-5	<10%	Eye Irritation Category 2A
2-Butoxyethanol	111-76-2	<5%	Acute Oral Toxicity Category 4

			Acute Dermal Toxicity Category4 Acute Inhalation Toxicity Category4 Eye Irritation Category2A Skin Irritation Category2
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 is 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 containers.

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

Chemical	Occupational Exposure Limits
2-(2-Butoxyethoxy) ethanol	10 ppm TWA ACGIH TLV (inhalable fraction and vapor)

2-Butoxyethanol	20 ppm TWA ACGIH TLV 50 ppm TWA (Skin) OSHA PEL
Liquefied Petroleum Gas (propane, n-butane)	1000 ppm Ceiling ACGIH TLV (butane) 1000 ppm TWA OSHA PEL (propane)

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 avoid 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

Appearance:	Aerosol foam	Flammable Limits: (Solvent Portion)	LEL: 1.1% UEL: 10.6% (Propellant)
Odor:	Mild glycol odor	Vapor Pressure:	Not available
Odor Threshold:	Not established	Vapor Density:	Greater than 1
pH:	Not applicable	Relative Density:	0.9713
Melting/Freezing Point	Not established	Solubilities:	Soluble water
Boiling Point/Range:	-44 – 341°F (Propellant)	Partition Coefficient; n- octanol/water:	Not established
Flash Point:	Not determined	Autoignition Temperature:	Not established
Evaporation Rate:	Not available	Decomposition Temperature:	Not established
Flammability (solid, gas)	Not flammable per Flame Extension Test	Viscosity:	Not established
VOC:	8.90%	Pour Point:	Not established

10 – Stability and Reactivity

Reactivity: Not reactive under normal conditions

Chemical Stability: Stable

Possibility of Hazardous Reactions: None known.

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 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:

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; Irritation, Skin, rabbit, open, 500 mg: MILD; Irritation, Eye, rabbit, 18 mg: Severe

Liquefied Petroleum Gas: No toxicity data is available

12 – Ecological Information

Ecotoxicity:

2-(2-Butoxyethoxy) ethanol: LC50 fish (*Iepomis macrochirus*) 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, Chronic Health, 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: All of the 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: November 11, 2011

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

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Regulatory Affairs Dept.