




Safety Data Sheet

1 - Identification

<p>Trade Name: Spot Shot Instant Carpet Stain Remover Aerosol</p> <p>Product Use: Aerosol cleaning aid</p> <p>Restrictions on Use: None identified</p> <p>SDS Date Of Preparation: December 12, 2018</p>	<p>Canadian Office: WD-40 Products [Canada] Ltd. P.O. Box 220 Toronto, Ontario M9C 4V3 Information Phone #: (416) 622-9881 Emergency Phone # 24 hr: Canutec: (613) 996-6666 - Designated for use only in the event of chemical emergencies involving a spill, leak, fire exposure or accident involving chemicals</p>
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2 – Hazards Identification

<p>WHMIS 2015/GHS Classification: Flammable Aerosol Category 1 Gas Under Pressure: Compressed Gas Eye Irritant Category 2A</p> <p>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.</p> <p>Label Elements:</p> <div style="text-align: center;">  </div> <p>DANGER! Extremely Flammable Aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation.</p> <p>Prevention 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. Do not pierce or burn, even after use. Wash thoroughly with soap and water after handling. Wear eye protection.</p> <p>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.</p> <p>Storage Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.</p>

3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent	WHMIS 2015/ GHS Classification
Liquefied Petroleum Gas	68476-86-8	1-5%	Flammable Gas Category 1

(n-Butane, Propane)			Gas Under Pressure, Compressed Gas
2-(2-Butoxyethoxy) ethanol	112-34-5	5-10%	Eye Irritation Category 2A
2-Butoxyethanol	111-76-2	1-5%	Acute Oral Toxicity Category 4 Acute Dermal Toxicity Category 4 Acute Inhalation Toxicity Category 4 Eye Irritation Category 2A Skin Irritation Category 2

Note: The exact percentages are a trade secret.

4 – First Aid Measures

Ingestion (Swallowed): 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. Do not induce vomiting. Call a physician, poison control center, or the WD-40 Safety Hotline at 1-888-324-7596.

Eye Contact: Flush eyes with plenty of water for 15 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: Leaking cans should be placed in a plastic bag or open pail until the 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 only with adequate ventilation. Keep away from heat, sparks, pilot lights, hot surfaces and open flames. Unplug electrical tools, motors and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity. 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, crush or incinerate containers, even when empty.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible materials. Do not store above 120°F or in direct sunlight. U.F.C (NFPA 30B) Level 1 Aerosol. Store away from oxidizers. Protect from physical damage.

8 – Exposure Controls/Personal Protection

Chemical	Occupational Exposure Limits
n-Butane	1000 ppm STEL ACGIH TLV (as Butane, all isomers) 800 ppm TWA Canada- Québec 1000 ppm STEL Canada- Ontario 1000 ppm STEL Canada - British Columbia
Propane	1000 ppm TWA Canada- Québec
2-(2-Butoxyethoxy) ethanol	10 ppm TWA ACGIH TLV (Inhalable fraction and vapor) 10 ppm TWA (Inhalable fraction and vapor) Canada - Ontario 10 ppm TWA (Inhalable fraction and vapor) Canada - British Columbia
2-Butoxyethanol	20 ppm TWA ACGIH TLV 20 ppm TWA Canada- Ontario 20 ppm TWA Canada- Québec 20 ppm TWA British Columbia

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

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

Personal Protection:

Eye Protection: Avoid eye contact. Always spray away from your 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

Appropriate 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

Appearance:	Aerosol spray	Flammable Limits:	LEL: 1.8 % UEL: 9.5% (Propellant)
Odor:	Mild glycol ether odor	Vapor Pressure:	Not established
Odor Threshold:	Not established	Vapor Density:	Greater than 1 (air=1)
pH:	Not Applicable	Relative Density:	0.964
Melting/Freezing Point:	Not established	Solubilities:	Soluble in water
Boiling Point/Range:	-7.1-31.1°F (-21.7- -0.5°C) (Propellant)	Partition Coefficient; n-octanol/water:	Not established
Flash Point:	Not established	Autoignition Temperature:	Not established
Evaporation Rate:	Less than 1	Decomposition Temperature:	Not established
Flammability (solid, gas):	Not established	Viscosity:	Not established
VOC:	9.45%	Pour Point:	Not established

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 irritation. May cause redness, stinging, swelling and tearing.

Ingestion: Swallowing may cause gastrointestinal irritation with symptoms 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:

Liquefied Petroleum Gas: No toxicity data is available

2-(2-Butoxyethoxy) ethanol: Oral rat LD50: 4,500 mg/kg, Dermal rabbit LD50: 4,120 mg/kg

2-Butoxyethanol: Oral rat LD50: 1,480 mg/kg, Inhalation rat LC50: 450 ppm/4 hr., Dermal rabbit LD50: 490 mg/kg

12 – Ecological Information

Ecotoxicity:

2-(2-Butoxyethoxy) ethanol: 96 hr LC50 *Lepomis macrochirus*: 1300 mg/L, 24 hr EC50 *Daphnia magna*: 3200 mg/L

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)

Canadian TDG Classification: Limited Quantity

IMDG Shipping Description: UN1950, Aerosols, 2.1, LTD QTY

ICAO Shipping Description: UN1950, Aerosols, flammable, 2.1

NOTE: WD-40 Company 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

National Pollutant Release Inventory (NPRI): This product contains the following chemicals that are listed on the NPRI Substance List: Propane (74-98-6) 1-5%, 2-(2-Butoxyethoxy) ethanol 5-10%, 2-Butoxyethanol 1-5%

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification

16 – Other Information

HMIS Hazard Rating:

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

Revision Date: December 12, 2018

Supersedes: August 31, 2015

Revision Summary: Reviewed and updated percentages in Section 3 and Exposure Limits in Section 8.

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