



Safety Data Sheet

1 - Identification

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|---|---|
| Product Name: Carpet Fresh Professional No Vacuum Foam Carpet Refresher- <u>Fresh</u> Product Use: Rug and Room Deodorizer Restrictions on Use: None identified SDS Date Of Preparation: July 18, 2018 | Manufacturer: WD-40 Company Address: 9715 Businesspark Avenue San Diego, California, USA 92131 Telephone: Emergency: 1-888-324-7596 Information: 1-888-324-7596 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

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.

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.

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 |
|---|------------|----------------|---|
| Petroleum gases, liquefied, sweetened (Propane, n-Butane) | 68476-86-8 | 10-15 | Flammable Gas Category 1 Gas Under Pressure: Compressed Gas |
| Isopropanol | 67-63-0 | <3% | Flammable Liquid Category 2 Eye Irritant Category 2 Specific Target Organ Toxicity- Single Exposure Category 3 (Narcotic Effects) |
| Fragrance | Mixture | <1.5% | Not Hazardous |

Note: The exact percentages are a trade secret.

4 – First Aid Measures

Ingestion (Swallowed): Swallowing is an unlikely route of exposure for an aerosol product. Do not induce vomiting. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596. 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 thoroughly with water. Remove contact lenses if present after the first 5 minutes and continue flushing for several more minutes. Get medical attention if irritation persists.

Skin Contact: Flush skin with water. Get medical attention if irritation persists or other symptoms develop.

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

Signs and Symptoms of Exposure: May cause mild eye irritation. Breathing large amounts of spray may cause respiratory tract irritation. Swallowing large amounts of the concentrate may cause mild gastrointestinal upset involving nausea, vomiting and diarrhea.

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

5 – Fire Fighting Measures

Suitable (and unsuitable) Extinguishing Media: Use carbon dioxide, dry chemical, water fog.

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. 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.

Intentional misuse by deliberately concentrating vapors and inhaling can be harmful or fatal.

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. Protect from physical damage. U.F.C (NFPA 30B) Level 1 Aerosol.

8 – Exposure Controls/Personal Protection

| Chemical | Occupational Exposure Limits |
|---------------------------------------|---|
| Petroleum gases, liquefied, sweetened | None Established |
| Propane | 1000 ppm TWA OSHA PEL |
| n-Butane | 1000 ppm STEL ACGIH TLV |
| Isopropanol | 200 ppm TWA, 400 ppm STEL ACGIH TLV 400 ppm TWA OSHA PEL |
| Fragrance | None Established |

The Following Controls are Recommended for Normal Consumer Use of this Product**Appropriate Engineering Controls:** Good general ventilation is adequate for normal use. When using large amounts, open windows or use a fan to ventilate the area.**Personal Protection:****Eye Protection:** Avoid eye contact. Always spray away from your face.**Skin Protection:** Avoid prolonged or repeated skin contact. Wash hands with soap and water after use.**Respiratory Protection:** None required. Use in a well-ventilated area.**For Bulk Processing or Workplace Use the Following Controls are Recommended****Appropriate Engineering Controls:** Use with adequate general and/or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.**Personal Protection:****Eye Protection:** Safety glasses with side shields are recommended where eye contact is possible.**Skin Protection:** No special protection is required for normal use. For sensitive skin or prolonged use, wear appropriate protective clothing and chemical-resistant gloves.**Respiratory Protection:** None required if ventilation is adequate. If exposure levels are excessive and irritation is experienced, wear an approved respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.**Work/Hygiene Practices:** Avoid contact with the eyes. Wash hands thoroughly after use.**9 – Physical and Chemical Properties**

| | | | |
|----------------------------|---------------------------------|---|--|
| Appearance: | Clear, colorless, aerosol spray | Flammable Limits: | LEL: 1.8% (Propellant) UEL: 9.5% (Propellant) |
| Odor: | Pleasant odor | Vapor Pressure: | Not established |
| Odor Threshold: | Not established | Vapor Density: | >1 |
| pH: | 8-9 | Relative Density: | Not established |
| Melting/Freezing Point: | Not established | Solubilities: | Soluble in water |
| Boiling Point/Range: | Approx. 212°F (100°C) | Partition Coefficient; n-octanol/water: | Not established |
| Flash Point: | None, No flashback | Autoignition Temperature: | Not established |
| Evaporation Rate: | Less than 1 (Butyl Acetate=1) | Decomposition Temperature: | Not established |
| Flammability (solid, gas): | Flammable Aerosol | Viscosity: | Not established |
| VOC: | 14.2% | 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 extreme heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers. Avoid physical damage to aerosol can.**Incompatible Materials:** Strong oxidizing agents.**Hazardous Decomposition Products:** None known.**11 – Toxicological Information****Symptoms of Overexposure:****Inhalation:** No adverse effects expected in an otherwise healthy individual exposed to this product during normal use. Excessive inhalation can cause headache, drowsiness, nausea and lack of coordination. Breathing large amounts of spray may cause irritation of respiratory tract.**Skin Contact:** Prolonged and/or repeated contact may produce mild irritation.**Eye Contact:** Liquid sprayed into eyes may cause irritation and pain.

Ingestion: Swallowing is an unlikely route of exposure for an aerosol product. Swallowing large amounts may produce mild gastrointestinal upset involving nausea, vomiting and diarrhea.

Chronic Effects: None expected.

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:

Petroleum gases, liquefied, sweetened: No toxicity data available

Isopropanol: Oral rat LD50 – 5045 mg/kg, Inhalation rat LC50- 16000 ppm/4hr, Skin rabbit LD50- 5030-7900 mg/kg

Fragrance: No toxicity data available

12 – Ecological Information

Ecotoxicity: No specific aquatic toxicity data is currently available. This product is not expected to be harmful for the environment.

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

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: 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: None

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.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not require a California Proposition 65 warning.

VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

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)

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

Revision Date: July 18, 2018

Supersedes: August 4, 2014

Revision Summary: Address and telephone number update in Section 1.

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Regulatory Affairs

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