



malco
PRODUCTS, INC.
Safety Data Sheet



1 - Identification

Product Name: Carpet Fresh Quick Dry Foam - <u>Apple Cinnamon</u>	Manufacturer: Malco Products, Inc.
Product Use: Rug and Room Deodorizer	Address: 361 Fairview Ave. Barberton, Ohio, USA 44203
Restrictions on Use: None identified	Telephone: 1-800-253-2526
SDS Date Of Preparation: March 24, 2020	Fax: 1-330-777-8317
	Information: 1-800-253-2526
	Chemical Spills: 1-800-424-9300 (Chemtrec)
	Website: msdsinfo@malcopro.com

2 – Hazards Identification

Hazcom 2012/GHS Classification:

Flammable Aerosol Category 1
Gas Under Pressure: Compressed Gas
Skin Sensitizer Category 1

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.
May cause an allergic skin reaction.

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.
Avoid breathing mist, vapors or spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves.

Response

IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice or attention.
Wash contaminated clothing before reuse.

Storage

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

Disposal

Dispose of contents and container in accordance with local and national regulations.

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%	Skin Sensitizer Category 1

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 or rash occurs.

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. May cause skin sensitization. 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.

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: Wear appropriate protective clothing and chemical-resistant gloves to avoid prolonged or repeated skin contact. Wash thoroughly after handling.

Respiratory Protection: Use in a well-ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

Work/Hygiene Practices: Avoid contact with the eyes and skin. Wash hands thoroughly after use.

9 – Physical and Chemical Properties

Appearance:	Clear, colorless liquid in an 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. May cause allergic skin reaction (sensitization).

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: 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: 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), 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: March 24, 2020

Supersedes: July 18, 2018

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

Reviewed By: C. Perry, Technical Manager

Revision 1