

MATERIAL SAFETY DATA SHEET


SUMMER FORMULA CARPET SHAMPOO
DATE PREPARED: June 15, 2001

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Summer Formula Carpet Shampoo
 General Use: Carpet Shampoo
 Product Description: Ready-To-Use Summer Shampoo

MANUFACTURER:
 FRAGRAMATICS MFG. CO., INC.
 3021 MIDLAND DRIVE SOUTH
 PINE BLUFF, AR 71603

EMERGENCY TELEPHONE NUMBERS:
 1-800-643-1574 M-F 6:00AM-5:00PM
 1-870-535-5777 M-F 6:00AM-5:00PM
 1-870-247-5157 AFTER HOURS

2. COMPOSITION/ INFORMATION ON INGREDIENTS

	%	CAS Registry #
Component A	2-5	Trade Secret
Component B	1-4	Trade Secret
Isopropyl Alcohol	1-2	67-63-0
Fragrance	<1	Not Applicable
2-Bromo-2-Nitro-1,3-Propanediol	<200 ppm	52-51-7
Water	88-94	7732-18-5

OSHA HAZARDOUS COMPONENTS (29CFR1910.1200)

EXPOSURE LIMITS 8 hrs. TWA (ppm)

ACGIH TLV

Isopropyl Alcohol	Eye Irritant, Flammable	400ppm
2-Bromo-2-Nitro-1,3-Propanediol	Eye & Skin Irritant, Toxic	Not Applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Colorless liquid with citrus odor. Product is an eye irritant and can cause skin irritation with prolonged or repeated contact. Mist or hot vapors from heated material may be irritating. Water spray will cause heavy foaming. Spilled product is slippery.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Contact causes moderate eye irritation.

SKIN CONTACT: Prolonged or repeated contact may cause skin irritation.

INHALATION: Mist may be irritating. Heated vapor may be irritating to the respiratory tract.

INGESTION: Can cause irritation of the digestive tract, vomiting and diarrhea.

CHRONIC: This mixture has not been tested as a whole. None of the ingredients listed are carcinogens.

4. FIRST AID MEASURES

INHALATION: Remove to fresh air. Obtain medical attention if symptoms persist.

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. DO NOT remove contact lenses, if worn. Obtain medical attention without delay, preferably from an ophthalmologist.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse.

INGESTION: Give two glasses of water. DO NOT INDUCE VOMITING. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint and Method: Not Applicable (Water Solution)

Flammable Limits: Not Applicable

Auto Ignition Temperature: Not Applicable

GENERAL HAZARD:

Water spray will cause heavy foaming.

EXTINGUISHING MEDIA:

Apply alcohol-type or all-purpose-type foam by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

FIRE FIGHTING INSTRUCTIONS:

Container can build up pressure if exposed to heat (fire).

FIRE FIGHTING EQUIPMENT:

As in any fire, wear full protective gear (full Bunker gear), and respiratory protection (SCBA).

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of sulfur, Oxides of nitrogen, Oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS:

Clean up spills immediately. Absorb spill with inert material (e.g., sand or earth), then place in a chemical waste container. Forms smooth, slippery surfaces on floors, posing an accident risk. After removal, flush contaminated area thoroughly with water.

LARGE SPILLS:

Absorb spill with inert material (e.g., sand or earth), then place in a chemical waste container. Forms smooth, slippery surfaces on floors, posing an accident risk. Avoid runoff into storm sewers and ditches, which lead to waterways. After removal, flush contaminated area thoroughly with water.

7. HANDLING AND STORAGE**HANDLING:**

Do not get in eyes.
Avoid contact with skin and clothing.
Wash thoroughly after handling.
Spilled product is slippery.

STORAGE:

Keep from freezing.
Keep away from food and drinking water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**ENGINEERING CONTROLS:**

No special ventilation requirements.

PERSONAL PROTECTION:**RESPIRATOR:**

None expected to be needed.

PROTECTIVE CLOTHING:

Wear safety glasses with side shields (or goggles) and a face shield. Wear chemical resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odor: Citrus

Freezing Point: ~32°F

Boiling Point: ~212°F

Physical State: Mobile liquid

Solubility in water: Complete

Percent Volatile: ~94

Specific Gravity (H₂O=1): ~1.04 @ 60/60 °F

10. STABILITY AND REACTIVITY**GENERAL:**

This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Strong oxidizing agents.

Strong acids.

HAZARDOUS DECOMPOSITION:

None Known

11. TOXICOLOGICAL INFORMATION

No data available

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

RCRA Hazard Class: None

Consult an expert on the disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local regulations.

14. TRANSPORT INFORMATION

DOT (Department of Transportation):

GROUND FREIGHT:

Not Regulated

AIR & VESSEL FREIGHT:

Not Regulated

15. REGULATORY INFORMATION

TSCA (Toxic Substances Control Act):

Components of this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response Compensation, and Liability Act):

Not Reportable

SARA TITLE III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories:

Immediate Health

313 Reportable Ingredients:

None

16. OTHER INFORMATION

None

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