

FRAGRA*MATICS MFG. CO., INC.

Safety Data Sheet Dri-Foaming Winter Shampoo

SECTION 1: Identification

1.1 Product identifier

Product name Dri-Foaming Winter Shampoo

1.4 Supplier's details

Name Fragra*Matics Mfg. Co., Inc.
Address 3021 S Midland Dr.
Pine Bluff, AR 71603
USA

Telephone 870-535-5777
Fax 870-535-6690
email sales@fragramatics.com

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Acute toxicity (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Flammable liquids (chapter 2.6), Cat. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Eye damage/irritation (chapter 3.3), Cat. 1
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life
H227	Combustible liquid

Precautionary statement(s)

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P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378	In case of fire: Use ... to extinguish.
P403+P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/container to ...
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up.
P273	Avoid release to the environment.
P391	Collect spillage.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Dipropylene glycol monomethyl ether

Concentration >= 27 - <= 29 % (Volume)
CAS no. 34590-94-8

2. ETHYLENE GLYCOL MONOBUTYL ETHER

Concentration >= 5 - <= 7 % (Volume)
EC no. 203-905-0
CAS no. 111-76-2
Index no. 603-014-00-0

- Acute toxicity (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H302 Harmful if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation

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H332 Harmful if inhaled

3. Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts

Concentration > 3 - < 6 % (Volume)
CAS no. 68585-34-2

4. ETHANOL

Concentration $\geq 0.6 - \leq 1.2$ % (Volume)
EC no. 200-578-6
CAS no. 64-17-5
Index no. 603-002-00-5

5. Alcohols, C12-16, ethoxylated

Concentration > 0.06 - < 0.3 % (Volume)
CAS no. 68551-12-2

6. 2-BROMO-2-NITRO-1,3-PROPANEDIOL

Concentration $\geq 0.375 - \leq 0.475$ % (Weight)
EC no. 200-143-0
CAS no. 52-51-7
Index no. 603-085-00-8

- Acute toxicity (chapter 3.1), Cat. 4
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 1
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1

H302 Harmful if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H318 Causes serious eye damage
H335 May cause respiratory irritation
H400 Very toxic to aquatic life

7. WATER

Concentration > 40 - < 60 % (Volume)
CAS no. 7732-18-5

Trade secret statement (OSHA 1910.1200(i))

A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice Should not be released into the environment.

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.

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In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.
Personal protective equipment for first-aid responders	No data available.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

No data available.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Product is slippery and produces foam when water is added. Product Could produce floating fire hazard.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)

Automotive Shampoo

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Dipropylene glycol methyl ether (CAS: 34590-94-8)

PEL (Inhalation): 100 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. Dipropylene glycol methyl ether (CAS: 34590-94-8)

PEL (Inhalation): 600 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

3. Dipropylene glycol methyl ether (CAS: 34590-94-8)

PEL (Inhalation): 100 ppm, (ST) 150 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

4. Dipropylene glycol methyl ether (CAS: 34590-94-8)

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

5. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 50 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

6. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 240 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

7. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 20 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

8. 2-Butoxyethanol (CAS: 111-76-2)

REL (Inhalation): 5 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

9. Ethyl alcohol (Ethanol) (CAS: 64-17-5)

PEL (Inhalation): 1000 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

10. Ethyl alcohol (Ethanol) (CAS: 64-17-5)

PEL (Inhalation): 1900 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

11. Ethyl alcohol (Ethanol) (CAS: 64-17-5)

PEL (Inhalation): 1000 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

12. Ethyl alcohol (Ethanol) (CAS: 64-17-5)

REL (Inhalation): 1000 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

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8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Eye/Face Protection: None required with normal use. Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.

Skin protection

Skin Protection: None required with normal use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

Body protection

Skin Protection: None required with normal use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

Respiratory protection

No special precautions for casual exposure. Ventilation Local Exhaust: None required with normal consumer use. Special: None. Industrial (General): Normal/general dilution ventilation is acceptable. Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Thermal hazards

No data available

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Liquid
Odor	Citrus Type
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	~0F
Initial boiling point and boiling range	No data available.
Flash point	>140F
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.

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Explosive properties
Oxidizing properties

No data available.
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Do not store near acids, Strong oxidizing agents, Carbon dioxide (CO₂)

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

2-BROMO-2-NITRO-1,3-PROPANEDIOL

LD50 Oral - Rat - 193-211 mg/kg

2-BROMO-2-NITRO-1,3-PROPANEDIOL

LD50 Skin - Rat - >2000mg/kg

2-BROMO-2-NITRO-1,3-PROPANEDIOL

LC50 Inhalation - Rat - >0.12 - <1.14 mg/l

Dipropylene glycol monomethyl ether

LD50 Oral - Rat - >5000 mg/kg

Dipropylene glycol monomethyl ether

LD50 Skin - Rabbit - 9510 mg/kg

Dipropylene glycol monomethyl ether

LC50 Inhalation - Rat - 3.35 mg/l - 7 hr No Death occurred at this concentration

ETHYLENE GLYCOL MONOBUTYL ETHER

LC0 Inhalation - Guinea pig - >3.1 mg/l - 1 hr No Death occurred at this concentration

ETHYLENE GLYCOL MONOBUTYL ETHER

LD50 Oral - Guinea pig - 1400 mg/kg

ETHYLENE GLYCOL MONOBUTYL ETHER

LD50 Skin - Guinea pig - > 2000 mg/kg

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Skin corrosion/irritation

Irritating to skin.

Serious eye damage/irritation

Risk of serious damage to eyes.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available

Summary of evaluation of the CMR properties

No data available.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

No data available

Aspiration hazard

No data available

Additional information

No data available.

SECTION 12: Ecological information

Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

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An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

Disposal of the product

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Do not landfill.

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

No data available.

Sewage disposal

No data available.

Other disposal recommendations

No data available.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Common name: DIPROPYLENE GLYCOL METHYL ETHER

CAS number: 34590-94-8

Pennsylvania Right To Know Components

Chemical name: Propanol, (2-methoxymethylethoxy)-

CAS number: 34590-94-8

New Jersey Right To Know Components

Common name: 2-BUTOXY ETHANOL

CAS number: 111-76-2

Pennsylvania Right To Know Components

Chemical name: Ethanol, 2-butoxy-

CAS number: 111-76-2

New Jersey Right To Know Components

Common name: ETHYL ALCOHOL

CAS number: 64-17-5

Pennsylvania Right To Know Components

Chemical name: Ethanol

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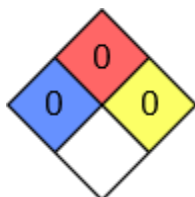
Dri-Foaming Winter Shampoo

CAS number: 64-17-5

HMIS Rating

Dri-Foaming Winter Shampoo	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Fragra*Matics Mfg. Co., inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Fragra*Matics Mfg. Co., Inc. has been advised of the possibility of such damages.

16.2 Preparation information

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Chemist