

Safety Data Sheet

Issue Date 04-Dec-2012

Revision Date: 28-Feb-2014

Version 1.0

1. IDENTIFICATION

Product Identifier

Product Name Bonnet Shampoo with Enzymes

Other Means of Identification

Product Code 10079803

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Spin bonnet cleaner. For industrial use.

Details of the Supplier of the Safety Data Sheet

Pollock
1 Pollock Place
Grand Prairie, TX 75050

Emergency Telephone Number

Company Phone Number Phone Number 1-800-843-7320
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International) Customer Number: 77538
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Contains non-pathogenic bacterial spores.

Appearance Colorless

Physical State Liquid

Odor Citrus

Classification

Skin Corrosion/Irritation	Category 3
Serious Eye/Damage/Eye Irritation	Category 2 Sub-category A
Skin Sensitization	Category 1
Specific Target Organ Toxicity – Single Exposure	Category 2

Signal Word

Warning



Hazard Statements

Causes mild skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May cause damage to liver, kidney, central nervous system depression, decreased blood pressure, anxiety, and confusion if ingested.

Precautionary Statements – Prevention

Do not breathe fumes, mists, vapors, or sprays.
Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink, or smoke when using this product.
Wear protective gloves and eye protection.
Contaminated clothing should not be allowed out of the workplace.

Precautionary Statements – 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 advice/attention.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF exposed or if you feel unwell: call a POISON CENTER or doctor/physician.
Specific Treatment: Remove from exposure and treat symptoms.

Precautionary Statements – Storage

Store locked up.

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local, regional, or national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Diethylene Glycol Monobutyl Ether	112-34-5	15-40
Sodium Xylene Sulfonate	1300-72-7	1-5
Non-Pathogenic Bacterial Spores	Proprietary	1-5
Tetrapotassium Pyrophosphate	7320-34-5	1-5
Terpene Hydrocarbon	5989-27-5	1-5

Contains 1-5% non-pathogenic bacterial spores.

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin Contact	If skin irritation occurs, rinse affected area with water.
Inhalation	No known hazardous effects. If symptoms occur, remove to fresh air.
Ingestion	Drink plenty of water. If any discomfort persists, obtain medical attention.

Most Important Symptoms and Effects

Symptoms	Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. Prolonged or repeated skin contact may cause irritation.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**Water spray (fog). Carbon dioxide (CO₂). Dry chemical. Foam.**Unsuitable Extinguishing Media**

Not determined.

Specific Hazards Arising from the Chemical

None known.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

Personal Precautions Use personal protective equipment as required.

Environmental Precautions Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Collect spillage. Collect in a clean, dry waste container for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Avoid contact with eyes. Observe good industrial hygiene practices.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

Incompatible Materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate Engineering Controls

Engineering Controls Ventilation systems.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Eye protection should be used when splashing may occur.

Skin and Body Protection Wear protective gloves when handling this product.

Respiratory Protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Citrus
Appearance	Clear	Odor Threshold	Not determined
Color	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.0-6.5	
Melting Point/Freezing Point	~ 0 °C / ~32 °F	
Boiling Point/Boiling Range	~ 100 °C / ~212 °F	
Flash Point	Not applicable	Tag Open Cup
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.00	
Water Solubility	Completely soluble	@ 25 °C (77 °F)

Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children. Keep from freezing. Avoid excessive heat. Avoid contact with strong oxidizers.

Incompatible Materials

Avoid oxidizers, acids, and alkalis.

Hazardous Decomposition Products

Thermal decomposition may produce oxides of carbon, phosphorus oxides, potassium oxides, and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene Glycol Monobutyl Ether 112-34-5	= 3384 mg/kg (Rat)	= 2700 mg/kg (Rabbit)	-
Sodium Xylene Sulfonate 1300-72-7	= 7200 mg/kg (Rat)	-	-
Tetrapotassium Pyrophosphate 7320-34-5	2980mg/kg (Rat)	>7940mg/kg (Rabbit)	-
Terpene Hydrocarbon 5989-27-5	-	> 5 g/kg (Rabbit)	-

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Diethylene Glycol Monobutyl Ether 112-34-5	100: 96 h Desmodesmus subspicatus mg/L EC50	1300: 96 h Lepomis macrochirus mg/L LC50 static		2850: 24 h Daphnia magna mg/L EC50 100: 48 h Daphnia magna mg/L EC50
Tetrapotassium Pyrophosphate 7320-34-5	-	> 100 mg/L (96hr) Rainbow Trout	-	-
Terpene Hydrocarbon 5989-27-5	-	0.619 – 0.796: 96h Pimephales promelas mg/L LC50 flow-through 35: 96h Oncorhynchus mykiss mg/L LC50	-	-

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Terpene Hydrocarbon 5989-27-5	Toxic

14. TRANSPORT INFORMATION

DOT Not regulated
IATA Not regulated
IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories
 Not determined

US Federal Regulations

SARA 311/312 Hazard Categories

Acute Health Hazard Yes

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Diethylene Glycol Monobutyl Ether	112-34-5	15-40	1.0

US State Regulations

U.S. State Right-to-Know Regulations

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List:

Chemical Name	State List
Diethylene Glycol Monobutyl Ether 112-34-5	NJ & PA

- | | |
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| AZ- Arizona Ambient Air Quality Guidelines | IL- Illinois Toxic Air Contaminate- Carcinogenic |
| CT- Connecticut Hazardous Air Pollutants | MA- Massachusetts Right to Know List |
| CA- California Director's List of Hazardous Substances | MN- Minnesota Hazardous Substances List |
| CAP65- California Prop65 | NJ- New Jersey Right to Know List |
| FL- Florida Substances List | PA- Pennsylvania Right to Know List |
| ID- Idaho Non-Carcinogen Toxic Air Pollutants | RI- Rhode Island Hazardous Substances List |

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	0	0	Not determined

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet