

MATERIAL SAFETY DATA SHEET

Distributor: PureWorks, LC
 Address: 4120 S 500 W, Murray, UT 84123
 Telephone: (801)-262-7873

1. PRODUCT IDENTIFICATION

Product Name: **Antibacterial Lotion**
 Description/Use: First Aid Antiseptic for the skin

2. COMPOSITION / INGREDIENT INFORMATION

OSHA Hazardous Components (29CFR 1910.1200) /
 Exposure Limits: 8 Hr. TWA

Ingredient	CAS#	ACGIH -TLV	OSHA- PEL
Behenyl Trimethylammonium methosulfate	56-81-5	NE	NE
Cetearyl Alcohol	81646-13-1	NE	NE
Mineral Oil	8040-47-5	5 mg/m ³	NE
Diazolidinyl urea	78491-02-8	NE	NE
Dimethicone	63148-62-9	NE	NE
Methylparaben	99-76-3	NE	NE
Petrolatum	8009-03-8	5 mg/m ³	NE
Potassium sorbate	24634-61-5	NE	NE
Propylene glycol	57-55-6	NE	NE
Propylparaben	94-13-3	NE	NE

3. HAZARDS IDENTIFICATION

Emergency Overview: No hazard to the skin; for external use only. Do not use in eyes.
 Eye Contact: Irritates eyes. Prolonged contact may cause irritation and corneal injury.
 Skin Contact: Does not irritate the skin under normal conditions.
 Inhalation: Inhalation of the product is not likely.
 Ingestion: Single dose oral toxicity is considered to be low. Ingestion may cause stomach upset, digestive tract irritation and diarrhea.
 Chronic: No chronic effects are known.
 Carcinogenicity: None known; Not listed in NTP or IARC; Not OSHA regulated
 Odor Thresholds: None

4. FIRST AID MEASURES

Eye Contact: Flush open eyes with copious amounts of running water for at least 15 minutes. Get medical attention if needed.
 Skin Contact: Product is lotion to be applied to the skin. Seek medical advice if irritation develops.
 Inhalation: Remove to fresh air if effects occur. If not breathing, provide artificial respiration and attention.
 Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

5. FIRE FIGHTING MEASURES

Flashpoint: NE
 Flammable Limits: Lower: Not determined; Upper: Not determined
 Autoignition Temp: NE
 General Hazard: Aqueous emulsion; Spilled product is slippery underfoot.
 Fire Fighting Instructions: Avoid breathing fumes, smoke, or vapors. Firefighters wear protective clothing, and self-contained breathing apparatus.
 Extinguishing Media: Carbon dioxide, dry chemicals or foam. Water spray may cause product to foam. Cool closed containers with water.
 Hazardous Combustion Products: Does not burn – decomposes. Acrid smoke, carbon monoxide, carbon dioxide, irritating fumes, acrolein.
 NFPA Ratings: Health – 1
 Applicable to Firefighting Situations Only: Flammability – 0
 Reactivity – 0

6. ACCIDENTAL RELEASE MEASURES

Wear protective clothing. Dike and contain. Keep spills and cleaning runoff out of waterways. Scoop or shovel material into containers. Rinse residue with water. Prevent wash water from entering drinking water supplies or streams.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry location. Temperature range: 5°C – 40°C. Keep container closed.
 Handling: Use with adequate ventilation. Do not eat or swallow. Avoid contact with eyes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: General ventilation.
 Personal Protection: Wear protective eye goggles. Eye wash fountain should be located in immediate work area.
 Protective Clothing: Use OSHA approved eye protection. Wear other clothing as required to minimize contact. Launder contaminated clothing before reusing.
 Exposure Guidelines: None established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Milk-white liquid emulsion
 Boiling Point: Approx. 100°C
 Freezing Point: 0°C
 Specific Gravity: 1.01
 Melting Point: Not applicable
 Water Solubility: Miscible
 Color: Milk-white liquid
 pH: 5-7

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatible materials:	None known
Conditions to Avoid:	Do not freeze; avoid heat.
Sensitivity to Static	None expected.
Discharge:	
Reactivity with Water:	None
Incompatibility with Other Materials:	None known.

11. TOXICOLOGICAL INFORMATION

Ingredient	CAS#	LD ₅₀
Glycerin	56-81-5	>15g/kg
Behentrimonium methosulfate	81646-13-1	4 g/kg
Diazolidinyl urea	78491-02-8	2.6 g/kg
Dimethicone	63148-62-9	
Mineral Oil	8040-47-5	5-15 g/kg
Methylparaben	99-76-3	>5.6g/kg
Potassium sorbate	24634-61-5	7.36 g/kg
Propylene glycol	57-55-6	25 mL/kg
Propylparaben	94-13-3	6.33 g/kg

12. ECOLOGICAL INFORMATION

No data available. However, no bioconcentration is expected because of the relatively high water solubility. Material is biodegradable.

13. DISPOSAL CONSIDERATIONS

Follow all local, state, and federal regulations regarding proper disposal.

14. TRANSPORTATION INFORMATION

Proper Shipping Name:	Not regulated
US DOT:	This product is not a Hazardous Material according to the Hazardous Materials Transportation Act and DOT regulations in 49CFR.
Canadian TDG Description (Road and Rail):	Not regulated.
Hazard Class:	NA
Identification Number:	NA
Reportable Quantity (RQ):	None

15. REGULATORY INFORMATION

TSCA (Toxic Substance Control Act):	Components of this product listed on the T SCA Inventory.
SARA TITLE III:	311/312 Hazard Categories: None known 313 Reportable Ingredients: None known

15. REGULATORY INFORMATION (cont.)

CALIFORNIA PROPOSITION 65:	As a Cancer Hazard: None known As a Reproductive Hazard: None known.
MASSACHUSETTS RIGHT-TO-KNOW LIST (MSL):	Extraordinarily Hazardous Substances(μ1ppm/0.0001%): None known HazardousSubstances (μ1%): None known
MICHIGAN CRITICAL MATERIALS REGISTER	None known
NEW JERSY RIGHT-TO-KNOW SUBSTANCE LIST:	Hazardous Substances(μ1%): None known
PENNSYLVANIA RIGHT-TO-KNOW HAZARDOUS SUBSTANCE LIST:	Special Hazardous Substances (μ0.01%): None known Hazardous Substances (μ1.0%): None known Environmental Hazardous Substances(μ1.0%): None known

Note: Components of this product may be regulated by various states not indicated on this document. For details on specific state requirements, contact the appropriate agency in your state.

15. OTHER INFORMATION

Version Date:	July 21, 2006
Abbreviations:	NA – Not Applicable ND – No Data NE – Information Not Established TWA – Time Weighted Average TLV – Threshold Limit Value

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END of MSDS