

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Banish® II Liquid Deodorant

Chemical Formula: N/A

CAS Number: N/A

Other Designations: N/A

General Use: Deodorizer for ostomy bags

Manufacturer: Smith & Nephew, Inc. 11775 Starkey Road Largo, FL 33773-4727 **Phone:** 1 800 876-1261

Date Reviewed: February 22, 2007

Section 2 - Composition Information on Ingredients

Ingredient Name	CAS Number	% wt or % Vol
Dipropylene Glycol	110-98-5	Proprietary
Zinc Ricinoleate	13040-19-2	Proprietary
Triethanolamine	102-71-6	Proprietary
Lactic Acid	50-21-5	Proprietary
Purified Water	7732-18-5	Proprietary
FD&C Blue #1	3844-45-9	Proprietary

Section 3 - Hazards Identification

★★★★★Emergency Overview★★★★★

HMIS	
H	2
F	1
R	1
PPE	0

Potential Health Effects

Primary Entry Routes: Ingestion, Eyes, Inhalation, Skin

Target Organs: N/A

Acute Effects

Inhalation: None Known

Eye: May cause eye irritation.

Skin: None Known

Ingestion: If swallowed, product is moderately toxic. Ingestion of large quantities can be hazardous.

Medical Conditions Aggravated by Long-Term Exposure: None Known

Chronic Effects: None Known

Section 4 - First Aid Measures

Inhalation: Remove victim to fresh air. If victim is not breathing, give artificial respiration.

Eye Exposure: Immediately flush eyes (including under the eyelids) with copious amounts of water for at least 15 minutes. Get medical attention if irritation persists.

Skin Exposure: No First Aid should be needed.

Ingestion: If victim is conscious, give large quantities of water. Contact a physician or poison control center immediately for instructions.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Special Precautions/Procedures: None.

Section 5 - Fire-Fighting

Flash Point: 280°F / 138°C

Flash Point Method: OC

Burning Rate: N/A

Autoignition Temperature: ND

LFL(% vol. in air): 2.2

UFL(% vol. in air): ND

Flammability Classification: Combustible liquid (Class IIIB)

Extinguishing Media: Water, Carbon Dioxide, Dry Chemical, Foam

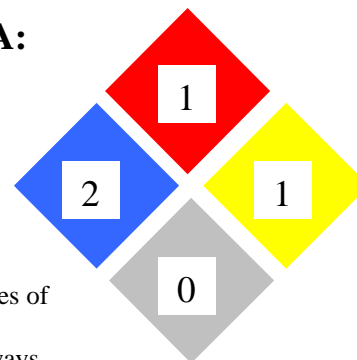
Unusual Fire or Explosion Hazards: None

Hazardous Decomposition Products (Under Fire Conditions): Combustion may produce oxides of carbon.

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Wear full firefighting turn out gear and respiratory protection.

NFPA:



Section 6 - Accidental Release Measures

Spill /Leak Procedures:

Small Spills: Wipe up spill, rinse with water.

Large Spills

Containment: Not required

Cleanup: Wipe up spill, rinse with water. For large spills, use sand or vermiculite to absorb spill and place in a container for proper disposal. Dispose of materials according to the applicable federal, state and local regulations.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Keep container tightly closed.

Storage Requirements: Store in a cool ($\leq 77^{\circ}\text{F}$ / 25°C) dry, well-ventilated place away from any light source.

Regulatory Requirements: None known for normal use

Section 8 - Exposure Controls / Personal Protection

Component	Exposure Limits		
	ACGIH	NIOSH	OSHA-PELs
Dipropylene Glycol	ND	ND	ND
Zinc Ricinoleate	ND	ND	ND
Triethanolamine	5 mg/m ³	ND	ND
Lactic Acid	ND	ND	ND
Purified Water	NA	NA	NA
FD&C Blue #1	ND	ND	ND

Engineering Controls: Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS.

Administrative Controls: None required for normal use

Respiratory Protection: None required for normal use

Protective Clothing/Equipment: None required for normal use

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Blue, odorless liquid.

Odor Threshold: Not determined
Vapor Pressure (mm Hg): < 10
Vapor Density (Air=1): N/A
Formula Weight: N/A
Density: Not determined
Specific Gravity (H₂O=1, at 25° C): 1.025
pH @ 25°C: 7.6
Evaporation Rate (nBuAc = 1): Not determined

Water Solubility: Miscible
Other Solubilities: Not determined
Boiling Point: 420°F / 216°C
Freezing/Melting Point: Neither determined
Viscosity: Not determined
Refractive Index: Not determined
Surface Tension: Not determined
%Volatile by Volume: Not determined

Section 10 - Stability and Reactivity

Stability: Stable under standard use and storage conditions.
Polymerization: Hazardous polymerization will not occur.
Chemical Incompatibilities: Strong oxidizing agents & strong bases
Conditions to Avoid: Store away from any light source.
Hazardous Decomposition Products: Combustion may produce oxides of carbon

Section 11 - Toxicological Information

Toxicity Data:

Acute Oral Toxicity: None known
Acute Inhalation Toxicity: None known
Acute Oral Effects: Moderately toxic
Acute Dermal Toxicity: None known
Mutagenicity: None
Teratogenicity: None known

Section 12 - Ecological Information

Ecological Information:
Degradation: Not determined
Accumulation: Not determined
Fish Toxicity: Not determined

Section 13 - Disposal Considerations

Waste Disposal Method: Discard any product, residue, disposable container or liner in full compliance with federal, state and local regulations. The state and local regulations may differ from federal regulatory requirements and laws may change or be reinterpreted. This information only applies to the material as manufactured. Processing, use or contamination may make the information inappropriate, inaccurate, or incomplete. Responsibility for proper waste disposal is with the owner of the waste.
Disposal Regulatory Requirements: None known for normal use.
Container Cleaning and Disposal: Dispose of container and unused contents in accordance with federal, state and local regulations.

Section 14 - Transport Information

US Department of Transportation Shipping Name:

US Department of Transportation	Proper Shipping Name	Not Regulated
	Hazard Class	Not regulated
	ID Number	Not regulated
	Packaging Group	Not regulated
	Technical Shipping Name	Not regulated

Section 15 - Regulatory Information

Federal Regulations - SARA Title III Hazard Classes: None

State Regulations: May vary from state to state

International Regulations: None

Section 16 - Other Information

Additional Hazard Rating Systems: None Known

Key Legend Information:

N/A – Not Applicable

N/E – Not Established

ND – Not Determined

ACGIH – American Conference of Governmental Industrial Hygienists

OSHA – Occupational Safety and Health Administration

TLV – Threshold Limit Value

PEL – Permissible Exposure Limit

TWA – Time Weighted Average

STEL – Short Term Exposure Limit

NTP – National Toxicology Program

IARC – International Agency for Research on Cancer

The information contained herein is based on the data available to us and is believed to be correct. However, Smith & Nephew, Inc. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.