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Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: SECURA® Moisturizing Cleanser / Triple Care® Antimicrobial Skin Cleanser - Domestic
Chemical Formula: N/A
CAS Number: N/A
Other Designations: N/A
General Use: Topical
Manufacturer: Smith & Nephew, Inc. 11775 Starkey Road Largo, FL 33773-4727 **Phone:** 1 800 876-1261
Date Reviewed: July 6, 2004

Section 2 - Composition Information on Ingredients

Ingredient Name	CAS Number	%wt or % Vol
Benzethonium Chloride	121-54-0	Proprietary
Water	7732-18-5	Proprietary
Polysorbate 20	9005-64-5	Proprietary
Polyquaternium 10	53568-66-4	Proprietary
	54351-50-7	
	55353-19-0	
Glycerin	56-81-5	Proprietary
Benzyl Alcohol	100-51-6	Proprietary
Fragrance	N/A	Proprietary
Disodium EDTA	139-33-3	Proprietary
Aloe Barbadensis	8001-97-6	Proprietary
FD&C Blue#1	3844-45-9	Proprietary

Section 3 - Hazards Identification

★★★★★ Emergency Overview ★★★★★

Potential Health Effects

HMIS	
H	1
F	0
R	0
PPE	0

Primary Entry Routes: Inhalation, Eyes, Skin, Ingestion

Target Organs: N/A

Acute Effects

Inhalation: None Known

Eye: May cause slight eye irritation.

Skin: None Known

Ingestion: Ingestion of large quantities can be hazardous due to the presence of Benzethonium Chloride.

Carcinogenicity: This material is not known to have carcinogenic properties.

Medical Conditions Aggravated by Long-Term Exposure: None Known

Chronic Effects: None Known

Section 4 - First Aid Measures

Inhalation: No First Aid should be needed.

Eye Contact: Flush eyes (including under lids) with copious amounts of water for at least 15 minutes.

Skin Contact: No First Aid should be needed.

Ingestion: Dilute by drinking water. Do not induce vomiting. Contact a Poison Control Center.

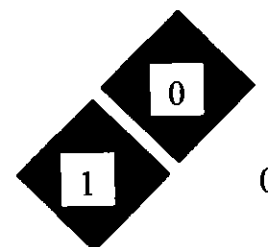
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After first aid, get appropriate in-plant, paramedic, or community medical support.
Special Precautions/Procedures: None.

Section 5 - Fire-Fighting

NFPA



Flash Point: Not determined
Flash Point Method: N/A
Burning Rate: N/A
Autoignition Temperature: Not determined
LEL (% vol. in air): Not Known
UEL (% vol. in air): Not Known
Flammability Classification: Non-flammable
Extinguishing Media: water, carbon dioxide, dry chemical, alcohol foam
Unusual Fire or Explosion Hazards: None
Hazardous Combustion Products: None Known
Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment: Self Contained Breathing Apparatus and protective clothing should be worn.

Section 6 - Accidental Release Measures

Spill /Leak Procedures:
Small Spills: Wipe up spill, rinse with water
Large Spills
 Containment: Not required
 Cleanup: Soak up spills with sorbent, flush area with water
 Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: None
Storage Requirements: Store in a cool, dry place $\leq 77^{\circ}\text{F}$ (25°C).
Regulatory Requirements: None

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: None required
Ventilation: General ventilation recommended
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: Clear, blue liquid with characteristic odor.
Odor Threshold: Not determined
Vapor Pressure (mm Hg): 13
Vapor Density (Air=1): Not determined
Formula Weight: N/A
Density: Not determined
Specific Gravity ($\text{H}_2\text{O}=1$, at 25°C): 1.00
pH @ 25°C : 5.0

Water Solubility: Completely soluble in water.
Other Solubilities: Not determined
Boiling Point: 100°C / 212°C
Freezing/Melting Point: Neither determined
Viscosity: Not determined
Refractive Index: Not determined
Surface Tension: Not determined
% Volatile: Not determined
Evaporation Rate (nBuAc): < 1

Section 10 - Stability and Reactivity

Stability: Stable
Polymerization: Hazardous polymerization will not occur.
Chemical Incompatibilities: Anionics
Conditions to Avoid: None Known
Hazardous Decomposition Products: None Known

Section 11 - Toxicological Information

Toxicity Data:

Eye Effects: None Known	Chronic Effects: None Known
Skin Effects: None	Carcinogenicity: None Known
Acute Inhalation Effects: None Known	Mutagenicity: None
Acute Oral Effects: None Known	Teratogenicity: None Known

Section 12 - Ecological Information

Ecotoxicity: Not determined
Environmental Fate: Degradable
Environmental Degradation: Complete
Soil Absorption/Mobility: Not determined

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.
Disposal Regulatory Requirements: None Known
Container Cleaning and Disposal: Discard in suitable trash container

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):
Not Regulated

Section - 15 Regulatory Information

EPA Regulations: None known
OSHA Regulations: None known
State Regulations: May vary from state to state

Section 16 - Other Information

Additional Hazard Rating Systems: None Known

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Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: SECURA * Extra Protective Cream (EPC) / Triple Care® Extra Protective Cream (New Formula)
Chemical Formula: N/A
CAS Number: N/A
Other Designations: N/A
General Use: Topical cream for external use only.
Manufacturer: Smith & Nephew, Inc. 11775 Starkey Road Largo, FL 33773-4727 Phone: 1 800 876-1261
Date Reviewed: July 23, 2003

Section 2 - Composition Information on Ingredients

Ingredient Name	CAS Number	%wt or % Vol
Zinc Oxide	1314-13-2	Proprietary
Petrolatum	8009-03-8	Proprietary
Karaya Gum	9000-36-6	Proprietary
Cetearyl Alcohol	67762-27-0	Proprietary
Methyl Glucose Dioleate	82933-91-3	Proprietary
Mineral Oil	8012-95-1	Proprietary
Cellulose Gum	9004-32-4	Proprietary
Water	7732-18-5	Proprietary
Methylparaben	99-76-3	Proprietary
Tocopheryl Acetate	7695-91-2	Proprietary
Diazolidinyl Urea	78491-02-8	Proprietary
Benzethonium Chloride	121-54-0	Proprietary
Butylparaben	94-26-8	Proprietary

Section 3 - Hazards Identification

★★★★ Emergency Overview ★★★★★

Potential Health Effects

Primary Entry Routes: Eyes, Skin, Ingestion and Inhalation

Target Organs: N/A

Acute Effects

Eye: May cause irritation.

Skin: None Known.

Ingestion: If swallowed, may cause irritation. Ingestion of large quantities can be hazardous.

Inhalation: None Known

Chronic Effects: None Known

HMIS	
H	1
F	1
R	1
PPE	0

Section 4 - First Aid Measures

Eye Exposure: Flush eyes (including under 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: Contact a poison control center for instructions.

Inhalation: No first aid should be needed.

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After first aid, get appropriate in-plant, paramedic or community medical support.
Special Precautions/Procedures: None.

Section 5 - Fire-Fighting

NFPA:

Flash Point: Not determined
Flash Point Method: Not determined
Burning Rate: Not determined
Autoignition Temperature: Not determined
LEL (% vol in air): N/A
UEL(% vol in air): N/A

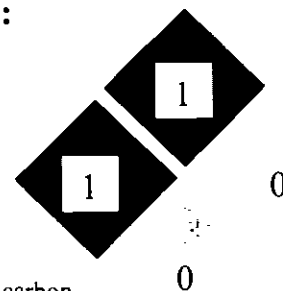
Flammability Classification: Not determined

Extinguishing Media: Foam, carbon dioxide, dry chemical

Unusual Fire or Explosion Hazards: None known.

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

Special Fire-Fighting Procedures: Keep personnel removed from area and upwind of fire. Wear full fire-fighting turn-out gear and respiratory protection. Cool fire exposed containers with water spray.



Section 6 - Accidental Release Measures

Spill /Leak Procedures:

Small Spills: Wipe up spills, rinse with water.

Large Spills

Containment: Not required

Cleanup: Mop or wipe up spills, place in proper container for 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: None.

Storage Requirements: Store in a cool (40°F & 86°F), dry, well-ventilated place

Regulatory Requirements: None known

Section 8 - Exposure Controls / Personal Protection

Exposure Guidelines:

Components:	Exposure Limits		
	ACGIH	NIOSH	OSHA-PELs
Zinc Oxide	10 mg/m3 (dust) 5mg/m3 (fume)	10 mg/m3 (dust) 5mg/m3 (fume)	15 mg/m3 (dust) 5mg/m3 (fume)
Petrolatum	ND	ND	ND
Karaya Gum	ND	ND	ND
Cetearyl Alcohol	ND	ND	ND
Methyl Glucose Dioleate	ND	ND	ND
Mineral Oil	5mg/m3 (mist)	ND	ND
Cellulose Gum	ND	ND	ND
Water	ND	ND	ND
Methylparaben	ND	ND	ND
Tocopheryl Acetate	ND	ND	ND
Diazolidinyl Urea	ND	ND	ND
Benzethonium Chloride	ND	ND	ND
Butylparaben	ND	ND	ND

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Engineering Controls: Ventilation must be adequate to maintain ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS. Due to the encapsulated nature of this product, there should be little exposure to it under anticipated use conditions.

Respiratory Protection: None required for normal use

Eye / Face Protection: None required for normal use.

Skin Protection: 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: Semi-solid

Appearance and Odor: Whitish gray / slight

Vapor Density (Air=1): Not determined

Vapor Pressure: Not determined

Formula Weight: N/A

Density: Not determined

Specific Gravity (H₂O=1, at 25° C): 1.2 – 1.4

pH @ 20°C: Not determined

Water Solubility: Not determined

Other Solubilities: Not determined

Boiling Point: Not determined

Freezing/Melting Point: Not determined

Refractive Index: Not determined

Surface Tension: Not determined

% Volatile: Not determined

Evaporation Rate (nBuAc = 1): Not determined

Section 10 - Stability and Reactivity

Stability: Stable under standard use and storage conditions

Polymerization: Hazardous polymerization will not occur.

Materials / Chemicals to be Avoided: Acids, bases and strong oxidizing agents

Conditions to Avoid: Not determined

Hazardous Decomposition Products: Combustion may produce oxides of carbon.

Section 11 - Toxicological Information

Toxicity Data:

Acute Oral Toxicity: None known

Acute Dermal Toxicity: None known

Acute Inhalation Toxicity: None known

Acute Oral Effects: None known

Mutagenicity: None

Teratogenicity: None known

Section 12 - Ecological Information

Ecotoxicological Information:

Degradation: Not determined

Accumulation: Not determined

Fish-Toxicity: Not determined

Chemical Fate Information: Not determined

Section 13 - Disposal Considerations

Disposal: 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.

Container Cleaning and Disposal: Dispose of container and unused contents in accordance with federal, state and local regulations.

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Section 14 - Transport Information

US Department of Transportation (DOT) Shipping Name:

US DOT	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: None

International Regulations: None

Section 16 - Other Information

Additional Hazard Rating Systems: None Known

Key Legend Information:

ACGIH – American Conference of Governmental Industrial Hygienists

N/A – Not Applicable

ND – Not Determined

NIOSH – National Institute for Occupational Safety and Health

OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limit

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.