

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Elta Silver Antimicrobial Wound Gel Dressing

Chemical Formula: N/A

CAS Number: N/A

Other Designations: N/A

General Use: Topical

Contact: Swiss-American Products, Inc. 2055 Luna Rd., Suite 126, Carrollton, TX 75006 **Phone:** 972-385-2900

Revision: Rev. 1

Date Prepared: 01/16/08

Section 2 - Composition Information on Ingredients

Ingredient Name	CAS Number	%wt or % Vol
Purified Water	7732-18-5	Proprietary
Proprietary Information		

Section 3 - Hazards Identification

Emergency Overview

Potential Health Effects

HMIS	
H	1
F	1
PH	0
PPE	0

Primary Entry Routes: Skin contact, inhalation, ingestion, eye contact.

Target Organs: Not known

Acute Effects: Rashes and irritation in sensitized individuals.

Inhalation: Not considered an inhalation irritant

Eye: Avoid contact with eyes.

Skin: Skin irritation may result as an allergic reaction to the silver content of the dressing. Obtain medical attention in the event irritation develops or persists.

Ingestion: Avoid ingestion.

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: Not a hazard.

Eye Contact: In case of contact, immediately flush eyes with water for at least 15 minutes. Obtain medical attention.

Skin Contact: Obtain medical attention in the event skin irritation develops or persists.

Ingestion: Obtain medical attention.

Special Precautions/Procedures: None known

Elta SilverGel Advanced Silver Wound Gel

Product Information



- Clear Antimicrobial Wound Gel
- Provides full antimicrobial contact with entire wound bed
- Sustained and effective silver ion release for 3+ days
- Remains clear while in use – no discoloration or staining of tissue
- Non-cytotoxic
- Ideal viscosity – very easy to apply and remove
- Recommended for high-risk or infected diabetic foot ulcers and arterial ulcers, and other chronic wounds with light to moderate exudate
- Absorbs up to equal its volume of wound exudate



General Description and Uses:

A clear, greaseless, antimicrobial hydrogel used create or maintain a moist wound environment. Used for pressure and arterial ulcers, burns, cuts and skin irritations. Elta SilverGel is a broad spectrum antimicrobial – 100% effective at contact area throughout a 1-3 day period of time.

Technology/topical vs. wound:

Silver antimicrobial hydrogel wound care dressing

Directions:

Cleanse wound with cleansing liquid, such as Elta Wound Cleanser. Evenly apply Elta Silver Wound Gel approximately 1/8" to 1/4" thick to wound area. Cover wound with appropriate dressing. Repeat as necessary to keep the wound moist.

Package size:

1 oz bellows, 1.5 oz tube, 8 oz jar, 16 oz jar, 2" X 2" Dressing, 4" X 4" Dressing

Applications per Package:

Varies based on size of wound.

Active Ingredient:

Ag

Availability:

Current Distribution Channels

Do not use on:

Wounds with high amount of exudate

Label Warning:

If condition worsens or does not improve within 10 to 14 days, consult a physician. Keep this and all similar products out of the reach of children. Follow directions for use.

Elta SilverGel Advanced Silver Wound Gel

Product Information



Why a wound gel?

Elta SilverGel flows into a wound bed better than any other antimicrobial silver wound gel allowing for a high degree of conformity. Research has shown that antimicrobial dressings containing silver must come fully into contact with the wound bed or wound exudate in order to be most effective:

“One additional factor that impinges on antiseptic efficacy and is not related to the form of silver used or the dosage but should not be overlooked is the ability of the carrier dressing to conform to the wound bed. High conformability helps ensure that areas of non-contact between the dressing and the wound bed are minimized thus reducing the formation of voids (dead space) where bacteriamay flourish.”¹

¹*Exploring the Effects of Silver in Wound Management – What is Optimal?*
Richard White, PhD; Keith Cutting, MN, RN, Dip N, Cert Ed
Wounds. 2006;18(11):307-314. ©2006Health Management Publications, Inc.

Silver-Gel Kill Test Results

Organisms	Kill Rate
<i>Pseudomonas aeruginosa</i> – 24 Hours	>99.99%
<i>C. albicans</i> – 24 Hours	99.98%
<i>MRSA</i> – 24 Hours	>99.99%
<i>A. niger</i> – 24 Hours	99.93%
<i>E. coli</i> – 24 Hours	>99.99%
<i>E. coli</i> – 48 Hours	>99.99%
<i>E. coli</i> – 72 Hours	>99.99%
<i>S. aureus</i> – 24 Hours	>99.99%
<i>S. aureus</i> – 48 Hours	>99.99%
<i>S. aureus</i> – 72 Hours	>99.99%
<i>Vancomycin-Resistant Enterococci (VRE)</i> – 48 hours	>99.95%

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Skin Contact: Obtain medical attention in the event skin irritation develops or persists.

Ingestion: Obtain medical attention.

Special Precautions/Procedures: None known

Section 5 - Fire-Fighting

Flash Point: Not considered to be a fire hazard

Flash Point Method: Not applicable

Burning Rate: Not determined

Autoignition Temperature: Not determined

LEL (% vol in air): Not known

UEL(% vol in air): Not known

Flammability Classification: Non-flammable.

Extinguishing Media: Carbon Dioxide, Dry chemical, Foam.

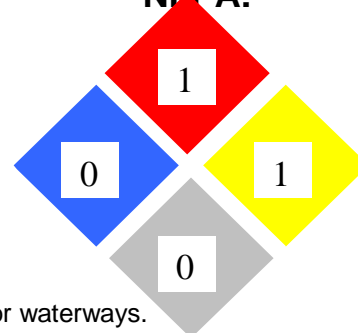
Unusual Fire or Explosion Hazards: Not considered to be an explosion hazard

Hazardous Combustion Products: None known

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

Fire-Fighting Equipment: Protective clothing should be worn.

NFPA:



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Contain all spill and leaks to prevent discharge into environment. Ventilate area and evacuate area of all non-essential personnel.

Small Spills: Soak up with absorbant, shovel into waste container, flush area with water.

Large Spills: Soak up with absorbant, shovel into waste container, flush area with water

Containment: Recover material for proper disposal.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120) and local, state, and federal regulations.

Section 7 - Handling and Storage

Handling Precautions: Spilled material is slippery. Wash thoroughly after handling.

Storage Requirements: Store in a well ventilated area and between 40°F and 86°F. Avoid overheating and freezing.

Regulatory Requirements: None known

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: None known

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. For prolonged exposure, use appropriate goggles, protective clothing and gloves.

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: Amorphous Gel

Appearance and Odor: Colorless

Odor Threshold: Not determined

Vapor Pressure: Not determined

Vapor Density (Air=1): Not determined

Formula Weight: N/A

Density: 1

Specific Gravity (H2O=1, at 25° C): 1

pH (@ 25°C): 6.00

Water Solubility: Yes

Other Solubilities: Not determined

Boiling Point: Not determined

Freezing/Melting Point: Not determined

Viscosity @ 25°C: 55,000

Refractive Index: Not determined

Surface Tension: Not determined

% Volatile: Not determined

Evaporation Rate (nBuAc = 1): Not determined

Section 10 - Stability and Reactivity

Stability: Product is stable

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: None known

Conditions to Avoid: None known

Hazardous Decomposition Products: None known

Section 11 - Toxicological Information

Toxicity Data:

Chronic effects on humans: None known.

Acute effects on humans: Rashes and irritation in sensitized individuals.

Sensitization: Some individuals may be sensitized to silver metal

Section 12 - Ecological Information

Ecotoxicity: Not considered an environmental hazard.

Environmental Fate: Not considered an environmental hazard.

Environmental Degradation: Not available.

Soil Absorption/Mobility: Not determined.

Section 13 - Disposal Considerations

Disposal: Material should be considered medical waste after use. Dispose of according to regulations.

Disposal Regulatory Requirements: Dispose of according to applicable governmental regulations.

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

Prepared by: Swiss-American Products, Inc. 2055 Luna Rd., Suite 126, Carrollton, TX 75006

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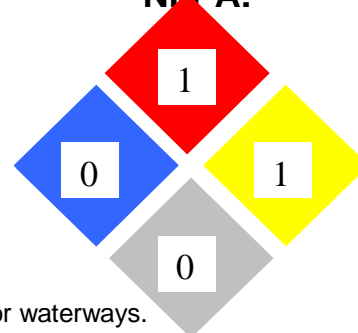
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