

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name **ProCure Silver Collagen Matrix Dressing**  
Product Code PCHCMDS22, PCHCMDS44  
Company Name Twin Med LLC.  
(Supplier of SDS)  
Address 11333 Greenstone Ave. • Santa Fe Springs, CA 90670  
Contact 1-877-TwinMed (894-6633)  
Emergency 1-877-TwinMed (894-6633)  
Relevant Use Absorbent wound dressing

## 2. HAZARD IDENTIFICATION

**Primary Entry Routes:** Skin contact

**Target Organs:** N/A

**Acute Effects:** Temporary discoloration of affected areas or rashes and irritation in sensitized individuals.

**Eye:** Corneal irritation may occur as a result of mechanical abrasion. In the event of eye irritation, flush eyes with flowing water.

**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:** Ingestion of the dressing will act as a foreign body. Obtain medical attention.

**Chronic Effects:** Excessive or chronic exposure to silver by skin contact, ingestion or inhalation may cause Argyrosis – a local or generalized discoloration of the eyes, skin and mucous membranes, where grey or blue patches of pigmentation are formed.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Fish gelatin	9000-70-8	Proprietary
Sodium Alginate	9005-38-3	Proprietary
Sodium Carboxymethylcellulose	9004-32-4	Proprietary
Disodium Ethylenediaminetetraacetic Acid	6381-92-6	Proprietary
Silver Lactate	128-00-7	Proprietary
Ethylenediaminetetraacetic Acid Calcium Disodium Salt	62-33-9	Proprietary
Sodium Chloride	7647-14-5	Proprietary
Sodium Hydroxide	1310-73-2	Proprietary
EDC	25952-52-8	Proprietary
NHS	6066-82-6	Proprietary

**Occupational Exposure Limits:** The American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value for the exposure of silver particles or aerosolized soluble silver compounds is 0.01 mg/m<sup>3</sup> of air averaged over an eight hour shift.

# SAFETY DATA SHEET



## 4. FIRST AID MEASURES

**Eye Contact:** Flush eyes (including under the eyelids) with copious amounts of flowing water for at least 15 minutes. Obtain medical attention.

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

**Ingestion:** Ingestion of the dressing may cause a choking hazard or internal blockage. Obtain medical attention.

**Inhalation:** This dressing does not present an inhalation hazard.

**Special Precautions/Procedures:** None.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** Not available

**Flash Point Method:** Not available.

**Burning Rate:** Not available.

**Autoignition Temperature:** Not available.

**LEL (%vol. In air):** Not available.

**UEL (%vol. In air):** Not available.

**Flammability Classification:** Dressing flammability has not been determined.

**Extinguishing Media:** Dressing is not reactive to water or other means of extinguishment. If involved in a fire, treat as a flammable solid.

**Unusual Fire or Explosion Hazards:** Not available, however, low explosion risk is expected.

**Hazardous Combustion Products:** Not available.

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

**Fire-Fighting Equipment:** Self Contained Breathing Apparatus should be worn.

## 6. ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedure:** Treat used dressing as medical waste. No special spill procedures required.

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

## 7. HANDLING AND STORAGE

**Handling Precautions:** No special handling procedures required. If used, handle as per medical waste.

**Storage Requirements:** Store in a cool, dry environment. If pouches are opened, do not use.

**Keep away from moisture.** Avoid extreme heat and strong oxidizing agents.

**Regulatory Requirements:** None.

# SAFETY DATA SHEET



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** None required

**Handling Procedures and Equipment:** No special handling procedures required. If used, handle as per medical waste.

**Personal Protective Equipment:** No special protection is required.

**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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid sponge-like material.

**Appearance:** Grey / white.

**Odor:** Slight odor associated with the dressing.

**Taste:** Not available

**Volatility:** Non-volatile

**Water Solubility:** Silver component is sparingly soluble in water.

**Vapor Pressure (mm Hg):** Not applicable.

**Critical Temperature:** Not available.

**Vapor Density (Air=1):** Not applicable.

**Boiling / Condensation Point:** Not applicable.

**Formula Weight:** Not applicable.

**Melting / Sublimation Point:** Not applicable.

**Water/oil dist. Coeff.:** Not applicable.

**Viscosity:** Not applicable.

**Specific Gravity:** >1 pH (1% soln/water): Not available.

**Evaporation Rate (nBuAc = 1):** Not applicable.

## 10. STABILITY AND REACTIVITY

**Stability:** Yes

**Corrosivity:** Non-corrosive.

**Chemical Incompatibilities:** The silver component is incompatible with these products: Acetylene, Acids, Amines, Ammonia, Hydrazine, Metal Sulfides, Peroxides, Strong oxidizers.

**Conditions to Avoid:** Avoid extreme heat and strong oxidizing agents.

**Hazardous Decomposition Products:** Not available.

**Degradability:** Proteolytic enzymes will degrade material.

# SAFETY DATA SHEET



## 11. TOXICOLOGICAL INFORMATION

**Chronic effects on humans:** Excessive or chronic exposure to silver by skin contact, ingestion or inhalation may cause Argyrosis – a local or generalized discoloration of the eyes, skin and mucous membranes, where grey or blue patches of pigmentation are formed.

**Acute effects on humans:** Temporary discoloration of affected areas or rashes and irritation in sensitized individuals.

**Irritancy:** Refer to acute effects on humans section in this SDS.

**Sensitization:** Some individuals may be sensitized to silver metal or collagen.

**Route of entry:** Skin contact.

**Mutagenicity:** None known.

**Teratogenicity:** None known.

**Carcinogenicity:** None known.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Not determined.

**Environmental Fate:** If unused, silver may be recovered by recycling.

**Environmental Degradation:** Not available.

**Soil Absorption/Mobility:** Not determined.

**Marine Pollutant:** Not applicable.

## 13. DISPOSAL CONSIDERATIONS

**Disposal:** Material should be considered a medical waste after use. If unused, silver may be recovered by recycling. Dispose of according to applicable federal, state or local regulations. The state and local regulations may differ from federal regulatory requirements, and laws may change or be reinterpreted.

## 14. TRANSPORT INFORMATION

**DOT Transportation Data:** (49 CFR 172.101): Not regulated

**Air Transport (ICAO/IATA):** Not regulated.

**Marine Transport (IMDG Code):** Not regulated.

# SAFETY DATA SHEET



## 15. REGULATORY INFORMATION

**EPA Regulations:** None known.

**OSHA Regulations:** None known.

**State Regulations:** May vary from state to state.

**TDG (Canada):** Not regulated.

**WHMIS:** Not a WHMIS controlled product.

## 16. OTHER INFORMATION

**Additional Hazard Rating Systems:** None known.

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Twin Med LLC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Twin Med LLC has been advised of the possibility of such damages.*