

Section 1: Chemical Product and Company Identification

<p>Product/Chemical Name: Biostep™ Collagen Matrix Dressing</p> <p>Chemical Family: Collagen / Alginate / Carboxymethylcellulose</p> <p>CAS Number: Not applicable.</p> <p>Other Designation: Not applicable</p> <p>General Use: Absorbent wound dressing.</p>	<p>Manufacturer: Covalon Technologies, Ltd., 1660 Tech Avenue, Unit 5 Mississauga, ON L4W 5S7 CANADA</p> <p>Phone: 905 568-8400 www.covalon.com</p> <p>Supplier: Smith & Nephew Wound Management 150 Minuteman Road, Andover, Massachusetts 01810 USA</p> <p>Phone: 1-800-876-1261</p> <p>Date Reviewed: 22 Feb 2024</p>
---	--

Section 2: Hazards Identification

Primary Entry Routes: Skin contact

Target Organs: N/A

Acute Effects: 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 collagen component 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: None known.

Section 3: Composition and 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
Ethylenediaminetetraacetic Acid Calcium Disodium Salt	62-33-9	Proprietary
Sodium Hydroxide	1310-73-2	Proprietary
EDC	25952-52-8	Proprietary
NHS	6066-82-6	Proprietary

Section 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.
Section 5: Fire-fighting Measures
<p>Flash Point: Not available</p> <p>Flash Point Method: Not available.</p> <p>Burning Rate: Not available.</p> <p>Autoignition Temperature: Not available.</p> <p>LEL (%vol. In air): Not available.</p> <p>UEL (%vol. In air): Not available.</p> <p>Flammability Classification: Dressing flammability has not been determined.</p> <p>Extinguishing Media: Dressing is not reactive to water or other means of extinguishment. If involved in a fire, treat as a flammable solid.</p> <p>Unusual Fire or Explosion Hazards: Not available, however, low explosion risk is expected.</p> <p>Hazardous Combustion Products: Not available.</p> <p>Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.</p> <p>Fire-Fighting Equipment: Self Contained Breathing Apparatus should be worn.</p>
Section 6: Accidental Release Measures
<p>Spill or Leak Procedure: Treat used dressing as medical waste. No special spill procedures required.</p> <p>Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).</p>
Section 7: Handling and Storage
<p>Handling Precautions: No special handling procedures required. If used, handle as per medical waste.</p> <p>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.</p> <p>Regulatory Requirements: None.</p>
Section 8: Exposure Controls/Personal Protection
<p>Engineering Controls: None required</p> <p>Handling Procedures and Equipment: No special handling procedures required. If used, handle as per medical waste.</p> <p>Personal Protective Equipment: No special protection is required.</p> <p>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.</p>
Section 9: Physical and Chemical Properties
<p>Physical State: Solid sponge-like material.</p> <p>Appearance: Grey / white.</p>

Odor: Slight odor associated with the dressing.

Taste: Not available

Volatility: Non-volatile

Water Solubility: Not available.

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.

Section 10: Stability and Reactivity Data

Stability: Yes

Corrosivity: Non-corrosive.

Chemical Incompatibilities: None known.

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

Hazardous Decomposition Products: Not available.

Degradability: Proteolytic enzymes will degrade material.

Section 11: Toxicological Information

Chronic effects on humans: None known.

Acute effects on humans: None known.

Irritancy: None known.

Sensitization: Some individuals may be sensitized to collagen.

Route of entry: Skin contact.

Mutagenicity: None known.

Teratogenicity: None known.

Carcinogenicity: None known.

Section 12: Ecological Information

Ecotoxicity: Not determined.

Environmental Fate: Not determined.

Environmental Degradation: Not available.

<p>Soil Absorption/Mobility: Not determined.</p> <p>Marine Pollutant: Not applicable.</p>
Section 13: Disposal Considerations
<p>Disposal: Material should be considered a medical waste after use. 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.</p>
Section 14: Transport Information
<p>DOT Transportation Data: (49 CFR 172.101): Not regulated</p> <p>Air Transport (ICAO/IATA): Not regulated.</p> <p>Marine Transport (IMDG Code): Not regulated.</p>
Section 15: Regulatory Information
<p>EPA Regulations: None known.</p> <p>OSHA Regulations: None known.</p> <p>State Regulations: May vary from state to state.</p> <p>TDG (Canada): Not regulated.</p> <p>WHMIS: Not a WHMIS controlled product.</p>
Section 16: Other Information
<p>Additional Hazard Rating Systems: None known.</p>

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 Covalon 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 Covalon has been advised of the possibility of such damages.

Covalon Technologies, Inc.
1660 Tech Avenue, Unit 5
Mississauga, ON L4W 5S7
Canada.
Tel: 905-568-8400
Toll Free: 1-877-711-6055
Fax: 905-568-5200
www.covalon.com