



# Safety Data Sheet

## Opticell Ag+ Silver Antibacterial Gelling Fiber Wound Dressings

### Section 1. Identification

Product Identifier	Opticell Ag+ Silver Antibacterial Gelling Fiber Wound Dressings		
Synonyms	MSC9818R; MSC9822EP; MSC9845EP; MSC9866EP; MSC98812EP; MSD_SDS0236		
Manufacturer Stock Numbers	MSC9818R; MSC9822EP; MSC9845EP; MSC9866EP; MSC98812EP		
Recommended use	Wound care dressing.		
Uses advised against	N/A		
Manufacturer Contact Address	Medline Industries, Inc. 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

### Section 2. Hazards Identification

Classification	No OSHA Hazard Classifications Applicable - Category N.A.
Signal Word	
Pictogram	
Hazard Statements	No OSHA Hazard Classifications Applicable
Precautionary Statements	
Response	N/A
Prevention	N/A

Storage N/A  
Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Emergency Overview: Toxic fumes may be released in fire situations.  
Eye Contact: Eye contact is unlikely due to physical state of material. Material is irritating to eyes.  
Skin Contact: Not irritating to skin, see Section 11 Toxicological Information.  
Ingestion: Ingestion must be avoided. Consult a doctor.  
Inhalation: Vapours are unlikely due to physical properties.  
No health hazard is anticipated during normal handling of the product. Avoid contact with individuals with a known sensitivity to chitosan, or silver.

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
9012-76-4	Chitosan	99 %
7783-90-6	Silver chloride (AgCl)	1 %

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First-Aid Measures

General Advice: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Show this safety data sheet to the doctor in attendance.  
Eye Contact: Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Remove contact lenses, if worn. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention.  
Skin Contact: If irritation develops wash area with water. Get medical attention if irritation persists.  
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if discomfort continues or if you feel unwell.  
Ingestion: Never give anything by mouth to an unconscious person. Consult a physician if necessary.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	All standard extinguishing agents.
Unsuitable Extinguishing Media	Do not use water if fire is caused by an electrical problem.
Specific hazards:	None known.
Special Protective Equipment and Precautions for Fire-Fighters:	Wear full protective clothing and self-contained breathing apparatus.
Specific Methods:	Standard procedure for chemical fire.

## Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Avoid contact with eyes.
Environmental Precautions:	No specific measures necessary.
Methods for cleaning up:	Carefully sweep up and dispose of in accordance with local regulations.

## Section 7. Handling and Storage

Technical measures:	Precautions: Avoid getting product wet (except for when used as intended).
Safe handling advice:	Avoid contact with eyes.
Technical measures:	Storage conditions: Keep away from ignition sources & flammable substances.
Packaging materials:	Dressings are packed in foil/foil pouches, placed in product shelf boxes, stored within cardboard shipper cases.
Storage:	Store in a cool dry place (15° to 25° C recommended).

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Chitosan	N/A	N/A	N/A
	Silver chloride (AgCl)	N/A	N/A	N/A
Personal Protective Equipment	N/A			
Protective Clothing/Equipment:	None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.			
Respiratory Protection:	None required under normal use conditions.			
Hand Protection:	None required under normal use conditions.			
Skin and Body Protection:	None required under normal use conditions.			

Eye Protection: None required under normal use conditions.  
Applicable for industrial settings only: Chemical goggles recommended.

Other protective equipment: Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled, use appropriate protective clothing or equipment

Work/hygienic practices: Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

## Section 9. Physical and Chemical Properties

Physical State	N.D.
Color	Light grey coloured nonwoven, impregnated with low levels of Silver Ion's
Odor	Negligible
Odor Threshold	Unknown
Solubility	N.A.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.A.
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.D.
FP Method	N.D.
pH	N.D.
Melting Point	N.A.
Boiling Point	N.A.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.A.
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.A.

% Volatile: N.D.

Molecular Weight: N.A.

## Section 10. Stability and Reactivity

Stability:	Stable at room temperature (See above for recommended storage conditions).
Silver Release:	Silver ion's only released when product comes into contact with fluid (e.g. wound exudate when used as intended).

## Section 11. Toxicological Information

Acute Toxicity:	The product is considered non-toxic.
Irritation:	The product has passed the following laboratory tests; sensitization, irritation, acute systemic toxicity, Haemolysis, in accordance with ISO 10993.
Eye Contact:	May cause eye irritation.

## Section 12. Ecological Information

Mobility in soil:	Solid.
-------------------	--------

## Section 13. Disposal

Contaminated packaging:	Dispose according to all local, state, and federal regulations.
Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated

## Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	N.A.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
State Regulations:	N.A.

## Section 16. Other Information

Revision Date 7/31/2019

Legend N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined

HMIS (U.S.A.): Health Hazard 0

HMIS (U.S.A.): Flammability 0

HMIS (U.S.A.): Physical Hazard 0

National Fire Protection Association (U.S.A): Health Hazard 0

National Fire Protection Association (U.S.A): Fire Hazard 0

National Fire Protection Association (U.S.A): Instability Hazard 0

Additional Information: The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.