

# MATERIAL SAFETY DATA SHEET



## Section 1: Product and Company Identification

**Product Name:** AMERX Calcium Alginate Wound Dressing  
**Product Specifications:** 5cm x 5cm, 10cm x 10cm  
**Manufacturer:** AMERX Health Care Corp.  
**Division:** Wound and Skin Care  
**Address:** 164 Douglas Rd E., Oldsmar, FL 34677

**Emergency Phone:** (800) 448-9599

**Issue Date:** March 10, 2012

**Document Group:** 14-018

### Product Use:

Intended Use: Wound Cover

## Section 2: Hazards Identification

### 2.1 Emergency Overview

**Odor, Color, Grade:** Light yellow or off-white sheet, odorless.

**General Physical Form:** Solid

**Immediate health, physical and environmental hazards:** Product poses no immediate hazard.

### 2.2 Potential Health Effects

**Eye Contact:** Potential irritant.

**Skin Contact:** None known.

**Inhalation:** None known.

**Ingestion:** Seek medical treatment.

### 2.3 Potential Environmental Effects

No specific measures necessary.

## Section 3: Ingredients

| Name             | CAS no.   | Risks                         |
|------------------|-----------|-------------------------------|
| Sodium alginate  | 9005-38-3 | No risks have been identified |
| Calcium alginate | 9005-35-0 | No risks have been identified |

## Section 4: First Aid Measures

### 4.1 First Aid Procedures

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with water immediately for 15 minutes.

Skin Contact: No need for first aid is anticipated.

Inhalation: No need for first aid is anticipated.

Ingestion: Seek medical attention for symptoms and treat symptomatically.

## Section 5: Fire Fighting Measures

### 5.1 Flammable Properties

|                           |                |
|---------------------------|----------------|
| Auto-ignition temperature | Not Applicable |
| Flash Point               | Not Applicable |
| Flammable Limits (LEL)    | Not Applicable |
| Flammable Limits (UEL)    | Not Applicable |

### 5.2 Extinguishing Media

Fire extinguishers with agents (ex: Water or dry chemical)

### 5.3 Protection of Fire Fighters

**Special Firefighting Procedures:** Protective equipment and a self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None expected.

**See Stability and Reactivity (Section 10) for hazardous combustion and thermal decomposition information.**

## Section 6: Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No specific measures.

### 6.2 Environmental precautions

No specific measures.

### Clean up methods

Pick up mechanically

## Section 7: Handling and Storage

### 7.1 Handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

### 7.2 Storage

Store in a cool dry place. Favorable storage temperatures 50°F to 80°F. Do not refrigerate.

## Section 8: Exposure Controls / Personal Protection

### 8.1 Engineering controls

Not Applicable.

### 8.2 Personal Protective Equipment (PPE)

None

#### 8.2.1 Eye / Face Protection

Safety glasses recommended.

#### 8.2.2 Skin Protection

Not Applicable.

#### 8.2.3 Respiratory Protection

None

#### 8.2.4 Prevention of Swallowing

Do not ingest.

## Section 9: Physical and Chemical Properties

|                                  |                                     |
|----------------------------------|-------------------------------------|
| <b>Odor, Color and Grade:</b>    | Light yellow or off-white, odorless |
| <b>General Physical Form:</b>    | Sheet                               |
| <b>Auto-ignition Temperature</b> | Not Applicable                      |
| <b>Flash Point</b>               | Not Applicable                      |
| <b>Flammable Limits (LEL)</b>    | Not Applicable                      |
| <b>Flammable Limits (UEL)</b>    | Not Applicable                      |
| <b>Boiling Point</b>             | Not Applicable                      |
| <b>Density</b>                   | Not Applicable                      |
| <b>Vapor Density</b>             | Not Applicable                      |
| <b>Vapor Pressure</b>            | Not Applicable                      |
| <b>Specific Gravity</b>          | Not Applicable                      |
| <b>Melting Point</b>             | Not Applicable                      |
| <b>Solubility in Water</b>       | Not Determined                      |
| <b>Evaporation Rate</b>          | Not Applicable                      |
| <b>Water partition coef</b>      | Not Applicable                      |

**Percent volatile**  
**Viscosity**

Not Applicable  
Not Applicable

## Section 10: Stability and Reactivity

**Stability:** Stable

**Materials and Conditions to Avoid:**

None known.

**10.1 Conditions to Avoid**

None known.

**10.2 Materials to avoid**

None known.

**Hazardous Polymerization:** Hazardous Polymerization will not occur.

**Hazardous decomposition or By-Products:**

Under normal usage conditions, hazardous decomposition products are not expected.

## Section 11: Toxicological Information

*According to testing, this product is considered low-toxic*

## Section 12: Ecological Information

**Ecotoxicological Information**

No relevant studies identified.

**Chemical Fate Information**

Not Applicable

## Section 13: Disposal Considerations

**Waste Disposal Method:** Consult national, state or local regulations to ensure proper disposal.

## Section 14: Transport Information

Land, marine, air transport – Normal shipping, there are no other specific regulations governing the shipment of this material.

## Section 15: Regulatory Information

**US Federal Regulations**

DOT Hazard class: Not regulated as hazardous.

**311/312 Hazard Categories:**

Fire Hazard – No  
Pressure Hazard – No  
Reactivity Hazard – No  
Immediate Hazard – No  
Delayed Hazard - No

**State Regulations**

Contact each state.

**Chemical Inventories**

This product is an article as defined by TSCA regulations, and is exempt from TSCA inventory listing requirements.

**International Regulations**

Contact AMERX for more information.

**Section 16: Other Information****NFPA Hazard Classification**

Health 0  
Flammability 1  
Reactivity 1  
Special Hazards None

*National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short term acute exposure to a material under conditions of fire, spill or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.*

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