

# SAFETY DATA SHEET (SDS)

Complies with OSHA's Hazard Communication Standard 2012 and the Global Harmonized Standard (GHS).

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## **Section 1 : Identification**

### **Product Identification: MARK3 Evacuation System Cleaner**

Distributed by: Cargus International, Inc.

135 North Route 9W, Congers, NY 10920

Telephone: 845-267-2600

Email: [ggabai@cargus.com](mailto:ggabai@cargus.com)

Emergency Telephone: National Capital Poison Center 1-800-222-1222

**Product use:** Cleaning of dental/medical evacuation systems

## **Section 2 : Hazard(s)**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

### **2.1 Classification of the Substance or Mixture:**

Physical Eye Irritation Category 2

Skin Irritation Category 2

Respiratory Sensitization Category 1

### **GHS Label elements, including precautionary statements:**

Pictogram

Signal word: Danger



**Danger**

### **Hazard Statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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### Precautionary statements

P261 Avoid breathing mist, vapors or spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves and eye protection.

P284 In case of inadequate ventilation wear respiratory protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical attention.

P304 + P340 IF INHALED: remove person to fresh air and keep comfortable for breathing.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor.

P501 Dispose of contents and container in accordance with local and national regulations.

**Hazard Summary:** Product contains surfactants and a mixture of enzymes. Low hazard when used according to label directions.

### Section 3 : Composition / information on Ingredients

Hazardous Ingredient(s)	CAS #	Exposure PEL, TLV, TWA	%
Proprietary Enzyme Blend	--	NE	< 10

### Section 4 : First-aid measures

#### EMERGENCY FIRST AID PROCEDURES

**SKIN:** Flush area with water for 15 minutes. If irritation persists seek medical attention.

**EYE:** IMMEDIATE EYE WASH with water for 15 MINUTES. Seek immediate medical attention.

**INGESTION:** Induce vomiting. Give large quantities of milk. Seek immediate medical attention.

**INHALATION:** Remove to fresh air. If discomfort persists seek medical attention.

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### Potential Acute Health Effects

Skin: May cause irritation to skin on contact.

Eyes: May cause serious irritation when contacting eyes.

Ingestion: Gastrointestinal discomfort, nausea, irritation of mouth, nasal passages and throat.

Inhalation: May cause allergy symptoms or exacerbate asthma if inhaled.

Chronic Exposure: Not established.

Carcinogenicity: Ingredients not listed as carcinogens.

### Section 5 : Fire-fighting measures

**Flash Point :** Not flammable      **Flammable limits :** N/A      **LEL :** N/A      **UEL :** N/A

**Extinguishing media:** Not flammable.

**Unusual fire and explosion hazards:** None

**Special Fire Fighting Procedure:** Product not flammable. No special requirements.

### Section 6 : Accidental release measures

**Personal precautions:** Use personal protection per Section 8.

**Environmental precautions:** Product is biodegradable.

**Methods for cleaning up:** Mop up spill or use inert powder to soak up liquid and place in appropriate disposal container.

### Section 7 : Handling and storage

**Handling:** Use in well ventilated areas. Avoid contact with eyes

**Advice on protection against fire and explosion:** Product is not flammable. **Storage:** Store in well ventilated areas at ambient temp. Advice on common storage: **Do not store next to strong oxidizers and acids.**

### Section 8 : Exposure control / personal protection

**Engineering Measures:** Provide normal room ventilation.

**Personal Precautions:** Use protective clothing as specified below.

**Eye Protection:** Use safety goggles or approved safety glasses.

**Hand Protection:** Use protective gloves and discard after contact with product.

**Skin and body protection:** Pants, long sleeves, clinical jacket.

**Respiratory protection:** Not normally required as long as adequate room ventilation is present.

**Hygiene measures:** Wash hands after using. Emergency eye wash station must be available.

Launder contaminated clothing.

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Exposure Guidelines: None determined.

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### Section 9 : Physical chemical properties

Boiling Point : 225 F    Specific Gravity : 1.01 -- 1.03 @ 20C    Vapor Pressure: (mm Hg) ND

Melting Point : N/A    Evaporation Rate : (n-butyl = 1) ND    Vapor Density : (Air = 1) ND

Solubility in Water : Complete    pH : 7.0 - 8.0

Appearance and Odor: Clear, blue-green liquid with mint fragrance.

### Section 10 : Stability and reactivity

**Materials to avoid:** Avoid contact with strong oxidizing agents, strong acids, halogens, peroxides.

**Hazardous decomposition products:** Product may produce carbon monoxide, carbon dioxide, sulfur and nitrogen oxides under extreme heat.

**Hazardous reactions:** May evolve gases if mixed with strong oxidizing agents and acids.

### Section 11 : Toxicological information

#### **Acute Toxicity Data:**

Product: Subtilisin: Oral rat LD50 3,700 mg/kg

Not listed as a carcinogen by OSHA, IARC, AGCIH, or NTP.

### Section 12 : Ecological information

There is no information available at this time for this product.

### Section 13 : Disposal consideration

**Waste/Disposal Information:** Observe all Federal, State, and Local Environmental Regulations when disposing of this product.

Use and or alterations to this product such as mixing with other materials/chemicals may significantly change the characteristics of the material and alter product hazard classifications and the proper disposal method.

### Section 14 : Transport information

Product is not classified as a Hazardous Material: (If NO, DOT Information not required)

DOT Proper Shipping name: Not required

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UN-Number: Not required  
Class: Not required  
Packing Group: Not required

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### Section 15 : Regulatory information



<b>HAZARD RATING</b>	<b>H</b>	<b>1</b>
4 = Extreme	<u>HEALTH</u>	
3 = High	F	0
2 = Moderate	<u>FLAMMABILITY</u>	
1 = Slight	R	1
0 = Insignificant	<u>REACTIVITY</u>	

### Section 16 : Other information

Date prepared: January 2019      Revision: 1.00A

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