

# MATERIAL SAFETY DATA SHEET

## Section 1- Chemical Substance/Product and Company Identification

**Finished Product Name:** MARK3 Hand Gel Sanitizer

**Company Identification:** Cargus International, Inc.  
135 North Route 9W  
Congers, NY 10920

**Contact:** Gavin Gabai 1-845-267-2600

**In case of medical emergencies, please contact local poison control center.**

**Date:** September 2013

## Section 2- Hazards Identification

### **Emergency Overview:**

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

### **Potential Health Effects:**

#### **Eye:**

Contact may cause mild, transient irritation. Some redness and/or stinging may occur.

#### **Skin:**

Not expected to be irritating, sensitizing, photo allergenic or phototoxic when used as intended. If irritation occurs following intended use or prolonged contact it is expected to be mild and transient.

#### **Inhalation:**

May cause irritation of the respiratory tract.

#### **Ingestion:**

May cause nausea, vomiting, and diarrhea

## Section 3- Composition and Ingredients

The complete ingredient list for the finished product is as follows:

DI Water, Carbomer Ultraz 10, Aloe Vera Gel, Glycerin, Isopropyl Myristate, Propylene Glycol, SDA-200 B, Fragrance, Triethanolamine

<u>Component:</u>	<u>CAS#</u>	<u>% by Weight</u>
Ethyl Alcohol	64-17-5	63%

#### **Section 4- First Aid Measures**

##### **Eye:**

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.

##### **Skin Problem:**

If irritation is experienced, flush with water. If irritation persists, get medical attention.

##### **Inhalation:**

If respiratory irritation occurs, remove individual to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

##### **Ingestion:**

Do not induce vomiting. Accidental ingestion of product may necessitate medical attention.

#### **Section 5 – Fire Fighting Measures**

##### **Flash Point & Method:**

71<sup>0</sup>F, ASTM D 93

##### **Extinguishing Media:**

Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.

##### **Explosion Hazard:**

Flammable (ethyl alcohol)

##### **Fire Fighting Instructions:**

Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

### **Section 6- Accidental Release Measures**

#### **Personal Precautions:**

For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personal away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

**Environmental Precautions:** Prevent discharge to open waters.

**Method for containment:** Absorb spilled liquid in suitable non- flammable inert material such as clay, vermiculite or diatomaceous earth.

**Methods for clean-up:** Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

### **Section 7- Handling and Storage**

**Handling:** keep away from heat, sparks, and flame. Prevent contact with eyes. Avoid inhalation

**Storage:** Keep the container in a tightly closed and in a cool, well ventilated place.

### **Section 8- Exposure Controls, Personal Protection**

**Normal room ventilation is usually adequate under normal use.**

#### **Personal Protective Equipment:**

**Eye /face protection:** None needed under normal use

**Skin Protection:** none needed under normal use

**Respiratory Protection:** None needed under normal use

**General Hygiene Consideration:** none needed under normal use.

## Exposure Guidelines

### Ethyl Alcohol (64-175)

**ACGIH:** 1,000 ppm TWA

**OSHA:** 1,000 ppm TWA, 1,900 mg/m<sup>3</sup> TWA

### Section 9 – Physical and chemical Properties

**Color, Odor, and Appearance:** Clear Thick Colorless gel with fragrance.

**Melting Point:** -114.1°C

**Boiling Point:** 78.5°C

**Physical State:** gel

**Solubility in Water:** soluble

**pH:**N/A

**Specific Gravity:** 0.99 +/-0.02

**Vapor Density:**1.6 (Ethyl Alcohol)

### Section 10- Stability and Reactivity

**Conditions to Avoid:** Avoid Excessive Heat or sources of ignition.

**Stability:** Stable under normal ambient temperature 70°C

**Hazardous Decomposition:** upon decomposition, this product evolves carbon monoxide, carbon dioxide, and /or low weight hydrocarbons.

### Section 11- Toxicological Information

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

**Products contains ethyl alcohol:** when consumed it can target the respiratory system, skin, eyes, CNS, liver blood, and reproductive system.

**Carcinogenicity:** ACGIH A4- not classifiable as a human carcinogen.

### Section 12- Ecological Information

Ecotoxicity: Ethyl-Alcohol (64-17-5)

96 hour LC50 Oncorhynchus mykiss:12,900 mg/l (flow through) (30 Days old)

96 Hour LC50 Pimpephales promelas 14.2 mg/l  
5 min EC50 Photobacterium phosphoreum : 35,470 mg/l  
30 min EC50 Photobacterium phosphoreum : 34,634 mg/l  
48 hour EC50 Daphnia Magna: 9,268 mg/l  
24 hour EC50 Daphnia Magna: 10,800 mg/l

### **Section 13- Disposal Information**

#### **Disposal Information:**

Dispose of waste in accordance with all local, state, and federal regulation.

### **Section 14- Transportation Information**

**Finished packaged product transported by ground (DOT):** Non-hazardous

**Finished packaged product transported by vessel (IMDG):** Non- hazardous

**Finished packaged product transported by air (IATA):** Non hazardous

### **Section 15- Other Information**

#### **Disclaimer:**

This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the company's knowledge. It is not meant to be an all- inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. The company assumed no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.