



## SAFETY DATA SHEET

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

**Product Name:** MARK3 BIOFLOW Waterline Cleaner

**Company Identification:** Manufactured For Cargus International, Inc.

**Brand:** MARK3 Brand

**Contact #** 845-267-2600

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

(630) 935-0775 24 hours a day

**Date:** April 10 2024

### Section 2- Composition of Ingredients

**Chemical characterization of active component:** naturally preservatives, carriers, and fillers

**Mixtures:**

<u>Chemical Name</u>	<u>CAS#</u>	<u>Ingredient Percent</u>	<u>EC Num.</u>
Sodium Bicarbonate	144558	25-30 by weight	
Citric Acid USP Granular Anhydrous	77929	15-20 by weight	
MALTRIN	9050366	15-20 by weight	
Sucrose	57501	15-20 by weight	
Natural Preservatives	Trade Secret	.05-2%	

Notes: Microbial species types are withheld in order to protect trade secrets.

The remaining components of this product are nonhazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure.

### Section 3- Hazards Identification

**Routes of entry include eye and skin contact, ingestion, and inhalation.**

**Signs and Symptoms of overexposure:**

**Acute overexposure:** Skin, Eye, Respiratory irritation

**Chronic Overexposure:** Dust Inhalation can cause sensitization

**Medical Conditions generally aggravated by exposure allergy to enzyme protein**

**Primary route of Exposure:** Eye and Skin Contact, Inhalation, and accidental ingestion.

**Hygienic Practices:** Do not place in unlabelled container, wash hands after use.

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

**Eye:**

Flush Eyes with plenty of water for at least 10 minutes. Consult a Doctor immediately if irritation continues.

**Skin Problem:**

In case of skin contact, wash with plenty of water.

**Inhalation:**

No respiratory irritation occurrences reported.

**Ingestion:**

If swallowed, seek medical advice immediately

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

**Extinguishing Media:**

Water, Carbon Dioxide, Dry Chemical

**Explosion Hazard:**

No applicable information has been found.

**Fire Fighting Instructions:**

Contact emergency personnel. Use protective gear if large quantities of product are involved.

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

**Procedures for Spill/Leak Clean-up:**

Vacuum or moisten with water and collect into closed disposal container.

**Waste Disposal Method:** Follow local, state, and federal regulations for disposal. Product is Biodegradable.

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

Keep in cool dry place.

Keep out of reach of children.

Avoid Splashing Solution.

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

**Respiratory Protection:** Use mask.

**Protective Gloves:** Vinyl or Rubber

**Eye Protection:** Safety glasses are recommended.

## **Section 9 – Physical and Chemical Properties**

**Color, Odor, and Appearance:** White tablet.

**Physical State:** solid

**Solubility in Water:** Readily Soluble

## **Section 10- Reactivity Data**

**Stability:** Stable

**Conditions to Avoid:** Extremely High Temperatures

## **Section 11- Toxicological Information**

This product is safe for consumers and other users under intended and reasonably foreseeable use.

### **Sodium Bicarbonate:**

**Eye:** Administration into the eye Rabbit

**Standard Draize test:** 100 mg/30S [Mild] (RTECS)

**Ingestion:** Oral Rat LD50 Lethal dose, 50 percent kill: 4220 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

### **Citric Acid USP Granular Anhydrous :**

**Eye:** Administration into the eye Rabbit

**Standard Draize test:** 750 ug/24H [Severe] (RTECS)

**Ingestion:** Oral Rat LD50 Lethal dose, 50 percent kill: 3 gm/kg [Details of toxic effects not reported other than lethal dose value] Oral Rat LD50 Lethal dose, 50 percent kill: 11700 mg/kg [Behavioral Ataxia Cardiac Change in rate Lungs, Thorax, or Respiration Respiratory depression] (RTECS)

### **MALTRIN**

**Ingestion:** Expected to be a low ingestion hazard.

**Inhalation:** Inhalation of dusts may cause respiratory irritation.

**Skin contact:** No adverse effects due to skin contact are expected.

**Eye contact:** Dust in the eyes will cause irritation.

**Acute toxicity:** Not available

**Sucrose**

**Ingestion:** Not available

**Inhalation:** Not available

**Skin contact:** Not available

**Eye contact:** Not available

**Acute toxicity:** Not available

**Natural Preservatives:**

**Eye contact:** Dust contact with the eyes can lead to mechanical irritation

**Skin contact:** Prolonged or repeated contact may dry skin or cause irritation.

**Inhalation:** Inhalation of dust in high concentrations may cause irritation of the respiratory system.

**Ingestion:** May cause temporary gastrointestinal discomfort

**Acute toxicity:** Not available

**Section 12- Ecological Information**

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Additional information is available from the supplier on request.

**Section 13- Disposal Information**

**Waste Disposal Method:** Follow local, state, and federal regulations for disposal. Product is Biodegradable.

**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.

Reported last period Date:  
April 10 2024