

**GEOKLEEN, INC.**  
580 South Salina Street  
Syracuse, New York 13202



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**Material Safety Data Sheet**

**Date: 03/07/07**

**SECTION I—PRODUCT IDENTIFICATION**

**NAME: FREE FLOW – BEVERAGE TOWER DRAIN CLEANER**

**DOT CLASS:** Not Regulated.  
**UN NUMBER:** NA  
**PROPER SHIPPING NAME:** NA

**HMIS RATING**

HEALTH 1 FIRE 0 REACTIVITY 0

**SECTION II - INGREDIENTS**

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY. COMPONENTS NOT LISTED IS EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%.

Ingredient Name	CAS Number	OSHA PEL	ACGIH TLV/TWA
Cellulase	9012-54-8	NA	NA
Water	7732-18-5	NA	NA

**SECTION III – PHYSICAL CHARACTERISTICS**

<b>Boiling Point</b>	Not known	<b>Appearance and Odor</b>	Light to medium blue liquid, fermentation odor.
<b>Specific gravity</b>	1.01 – 1.05	<b>Melting Point</b>	NA
<b>pH</b>	4.7 – 6.0	<b>Vapor Density (Butyl Acetate = 1)</b>	No data
<b>Vapor Pressure</b>	No Data	<b>Solubility</b>	Complete

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### **SECTION IV – FIRE/EXPLOSION**

<b>Flash Point:</b>	No data
<b>Flash Point Method Used:</b>	NA
<b>LEL:</b>	Not know
<b>UEL:</b>	Not known

**Extinguishing Media:** Water spray, carbon dioxide or dry chemical.

**Special Fire Fighting Procedures:** Wear full protective clothing and self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None Known

### **SECTION V – REACTIVITY DATA**

**Stable:** X                      **Unstable:**

**Incompatibility:** None known.

**Hazardous Decomposition or By Products:** Not Known.

**Hazardous Polymerization:** Will not occur.

### **SECTION VI – HEALTH HAZARD DATA**

**Acute Health Affects**

<b>Routes of Entry:</b>	<b>Inhalation:</b> Yes	<b>Absorption:</b> No	<b>Ingestion:</b> Yes	<b>Eyes:</b> Yes
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**Eyes:** This product may cause mild eye irritation.

**Skin Contact:** Could cause mild skin irritation and sensitization after prolonged contact.

**Inhalation:** Inhaling mist from this product could cause irritation or an allergic type response in susceptible individuals with repeated or prolonged exposure. Persons allergic to enzymes could become sensitized from inhalation.

**Ingestion:** Ingestion of this product could cause irritation to the mouth and throat.

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**Signs and Symptoms of Over Exposure:** None Known

**Aggravated Medical Conditions:** None known, however persons with respiratory problems or allergies should avoid breathing mist from this product. Persons that are sensitive to enzymes should avoid contact with this product.

**Supplemental Health Information:** Contains enzymes, avoid repeated skin contact or breathing mist.

### **Emergency First Aid Procedures**

**Eye Contact:** Rinse eyes with water for fifteen minutes, if irritation persists, see a physician.

**Inhalation:** Move person to fresh air and avoid breathing mist from product. If breathing problems develop, seek the care of a physician.

**Skin Contact:** Wash the product off the skin with soap and water; if irritation develops seek the care of a physician and avoid further contact with the product.

**Ingestion:** Rinse mouth with water, drink water to dilute.

## **SECTION VII – SPILL OR LEAK PROCEDURE**

**Steps to be taken in case material is spilled or leaked:** For large spills, use inert materials to collect the spilled material and place in storage containers. Avoid breathing any dust from dried absorbent materials. For small spills, rinse product to the waste sewer. Do not use a high pressure sprayer for cleaning the product up.

**Waste Disposal Method:** Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state and local laws.

**Precautions To Be Taken In Handling and Storage:** Store in a location away from children, food items and potable water. Store in an area out of the direct sunlight, keep container closed when not in use, avoid storing in a damp environment. Always wash hands with soap and water before handling food or smoking. Use good chemical hygiene practices when working with any chemical.

**Other Precautions:** None

## **SECTION VIII – CONTROL MEASURES (PPE)**

**Respiratory Protection:** None required for normal use. If used in a manor that creates a mist, wear an approved NIOSH approved respirator to prevent exposure.

**Protective Gloves:** Disposable nitrile exam gloves are suitable for preventing prolonged contact with the skin.

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**Eye Protection:** Safety glasses with side shields are recommended.

**Other Protective Clothing:** None required, however, avoid prolonged contact with the skin from soiled clothing.

**Ventilation:** Local exhaust should be sufficient. Avoid creating mist from the product. If used in a manner that creates mist, mechanical ventilation may be necessary.

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine it's environmental regulatory compliance obligations under any applicable federal, state and local laws.