



**Section 1: Product Identification**

**Product Name:** SmartZyme (Smart Systems) **Product No.** **Recommended Use:** Maintain drains and traps

**Manufacturer:** Crown Chemical, Inc. **Address:** 4701 W. 136<sup>th</sup> Street Crestwood, IL 60445  
www.crown-chem.com

**Daytime Telephone:** (708) 371-6990 **Emergency Telephone (24 hour):** (800) 535-5053

**Section 2: Hazard Identification**

**Hazard Class:** Non-Hazardous **Signal Word:** NA

**Hazard Category(ies):** NA

**Hazard Statement(s):** NA

**Precautionary Statements:**

**Prevention:** Wear protective rubber gloves as needed to prevent prolonged skin contact when using this product. Mix ONLY with water.

**Response: If swallowed:** Rinse out mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor if you feel unwell. **If on skin (or hair):** Rinse with water. Wash contaminated clothing and shoes before reuse. **If inhaled:** No specific response required. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a Poison Control Center or doctor for treatment advice if irritation persists.

**Storage:** Store locked up **Disposal:** See Section 13 for disposal information **Hazards Not Otherwise Classified:** None identified

**Section 3: Composition/Information on Ingredients**

**Product Type:** Mixture

<b><u>Hazardous Ingredient Name (common name(s))</u></b>	<b><u>CAS Number</u></b>	<b><u>Concentration</u></b>
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**Range (%)**

Contains No Hazardous Ingredients

**Section 4: First-Aid Measures**

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a Poison Control Center or doctor for treatment advice if irritation persists.

**Skin Contact:** Rinse with water. Wash contaminated clothing and shoes before reuse.

**Ingestion:** Rinse out mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor if you feel unwell.

**Inhalation:** No specific response required.

**Symptoms of Exposure:** See Section 11 for additional information.

**Indication of Immediate Medical Attention and Special Treatment Needed:** Non-hazardous product. No such indications.

**Section 5: Fire-Fighting Measures**

**Suitable Fire Extinguishing Media:** Not applicable. **Specific Hazards:** None known

**Decomposition Byproducts:** None known

**Special Protective Equipment:** Not applicable.

**Specific Precautions:** Not applicable.

## **Section 6: Accidental Release Measures**

**Personal Precautions:** Initiate spill containment procedures immediately using containment or absorption methods. Keep people away from area. Put on appropriate protective equipment (see Section 8).

**Spill Cleanup:** Do not allow spilled material to enter sewers, waterways or soil. Neutralize with water. Mop, sweep or otherwise collect spilled material and hold for disposal. Consult local government authorities for allowable disposal methods. After removal, rinse area completely with water to remove residue.

## **Section 7: Handling and Storage**

**Handling Precautions:** Avoid contact with eyes, skin or clothing.

**Storage Precautions:** Keep out of reach of children. Keep containers tightly closed when not in use. Store in a well ventilated area between 60-100°F (15- 38°C). Avoid ignition sources.

## **Section 8: Exposure Controls/Personal Protection**

<b><u>Hazardous Ingredient Name (common name)</u></b>	<b><u>OSHA PEL</u></b>	<b><u>ACGIH TLV</u></b>
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Contains No Hazardous Ingredients

**Engineering Controls:** Use with adequate ventilation to maintain exposure limits below listed thresholds.

**Personal Protective Equipment:** The following protective equipment is recommended during usage:

**Eye protection:** Normally not required. Wear safety glasses if necessary to prevent contact with concentrated product. **Skin protection:** Wear protective rubber gloves as needed to prevent prolonged skin contact when using this product. **Respiratory protection:** None required.

**Hygienic Measures:** Wash thoroughly after use and before eating, smoking, or using the bathroom. Avoid contamination of clothing or shoes, and wash any contaminated items before reuse.

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

**Physical State:** Green Liquid **Odor:** Floral **pH (1% solution):** <8.0 **Melt Point:** NA **Freeze Point:** NA

**Boiling Point:** NA **Flash Point:** Non-Combustible **Evaporation Rate (H<sub>2</sub>O = 1.0):** <1.0

**Flammability:** NA

**Explosion Limits:** NA **Vapor Pressure:** NA **Vapor Density (Air =1.0):** NA **Relative Density:** >1.0

**Solubility (in 120°F Water):** 100% **Viscosity (H<sub>2</sub>O =1.0):** >1.0 **Partition coefficient: n-octanol/water:** No data available

**Auto Ignition Temperature:** No data available **Decomposition Temperature:** No data available

## **Section 10: Stability and Reactivity**

**Stability:** Product is stable under normal storage and usage conditions.

**Reactivity:** Product is generally non-reactive. As a precaution, NEVER mix this product with other chemicals.

Mix this product ONLY with water. **Incompatibilities:** Chlorine and other halogens, strong acids or alkalis.

**Hazardous Decomposition Byproducts:** None are expected under normal storage and usage conditions.

### **Section 11: Toxicological Information**

**Likely Routes of Exposure:** Eyes, Skin

**Symptoms:** Eye contact may cause mild irritation or redness. Prolonged skin contact with concentrated product may cause mild irritation or redness. Ingestion may cause stomach irritation or nausea.

**Acute Effects of Exposure:** None known.

**Toxicity Data:** NA

**Chronic Effects of Exposure:** No known significant effects or critical hazards. **Carcinogen Listing**

**Source:** NA

### **Section 12: Ecological Information**

**Ecotoxicity:** No specific data available for this mixture.

**Persistence and Degradability:** No data **Bioaccumulative Potential:** No data **Mobility in Soil:** No data

**Other Adverse Effects:** No known significant effects or critical hazards.

### **Section 13: Disposal Considerations**

Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except through normal dilution and usage. Do not release contents onto the ground or into any body of water. Dispose of empty container by offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.

### **Section 14: Transport Information**

**DOT Proper Shipping Name:** Non-regulated liquid

### **Section 15: Regulatory Information**

<b><u>Regulation</u></b>	<b><u>Listing</u></b>
TSCA §8(b) Inventory	All Ingredients Listed
SARA Title III §301-303 Extremely Hazardous Substances	None
SARA Title III §304 Reportable Quantity (RQ) Release Notification Chemicals	None
SARA Title III §311-312 Right-To-Know Hazardous Chemicals	None
SARA Title III §311-312 Right-To-Know Extremely Hazardous Substances	None
SARA Title III §313 Form R Reportable Chemicals	None

### **Section 16: Other Information**

**Date of Last Revision:** May 1, 2015

The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.