

<b>HAZARD RATING:</b> 4 - SEVERE 3 - SERIOUS 2 - MODERATE 1 - SLIGHT 0 - MINIMAL		<h1 style="margin: 0;">MATERIAL SAFETY DATA SHEET</h1>
		<b>Name:</b> Product Central #121: Pro-Zyme <b>Product Number:</b> PC121 <div style="text-align: right;">Concentrate</div>

**SECTION I: Manufacturer Information**

<b>Manufacturer:</b> M.D. Stetson Company, Inc. <b>Address:</b> 92 York Avenue Randolph, MA 02368 <b>Telephone:</b> 781-986-6161	<b>Emergency Telephone:</b> 1-800-535-5053 <b>Date Prepared:</b> 02/04/09 <b>Supersedes Date:</b> NEW <b>Preparer:</b> Jay C. Chapin
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**SECTION II: Ingredients/Identity Information**

Components	CAS Number	Percent	OSHA PEL	ACGIH TLV
Tetrasodium ethylenediamineteraacetate	64-02-8		N/A	N/A
Alkyl Sulfate	2235-54-3		N/A	N/A
Alkylbenzenesulfonic acid	68584-22-5		N/A	N/A
Ethoxylated alcohol	78330-21-9		N/A	N/A
Sodium Xylene Sulfonate	1300-72-7		N/A	N/A

**SARA Section 313 Toxic Chemicals:** None

**SECTION III: Physical/Chemical Characteristics**

<b>Boiling Point:</b> 212°F	<b>Vapor Pressure:</b> Equivalent to water	<b>pH:</b> 7.5 - 8.0
<b>Specific Gravity:</b> 1.00g/ml	<b>Vapor Density:</b> Equivalent to water	
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate:</b> Equivalent to water	
<b>Volatile Organic %:</b> 0	<b>Appearance and Odor:</b> Opaque liquid with perfumed odor.	

**SECTION IV: Fire and Explosion Hazard Data**

<b>Flash Point:</b> N/A	<b>Flammable Limits:</b> Lower N/A
<b>Extinguishing Media:</b> Water spray, carbon dioxide, and dry chemical powder	<b>Upper:</b> N/A
<b>Special Fire Fighting Procedures:</b> None	
<b>Unusual Fire and Explosion Hazards:</b> None known	

**SECTION V: Reactivity Data**

**Stability:**

Unstable      **Conditions to Avoid:** Strong acids or alkali compounds may inactivate biological cultures.  
 Stable

**Incompatibility (materials to avoid):** Not known

**Hazardous Decomposition or Byproducts:** Not known

**Hazardous Polymerization:**

May Occur      **Conditions to Avoid:**  
 Will Not Occur

N/A - Not Applicable      N/E - Not Established      N/D - Not Determined      ca. - Approximately

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Product Name: Product Central #121: Pro-Zyme

Number: PC121

## SECTION VI: Health Hazard Data/First Aid Procedures

Routes of Exposure: Inhalation  Eyes  Skin  Ingestion

### Signs and Symptoms of Exposure

**Acute:** May cause eye and skin irritation. Inhaling mist could cause irritation to lungs and mucus membranes. Ingestion may result in abdominal pain, nausea and vomiting.

**Carcinogenicity:** NTP No IARC Monographs No OSHA Regulated No

**Medical Conditions Generally Aggravated by Exposure:** None known, however persons with respiratory problems should avoid breathing any mist from this product.

### Emergency First Aid Procedures

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

**Eyes:** Flush with water for 15 minutes. Get medical attention if irritation persists.

**Skin:** Wash product off with soap and water. Get medical attention if irritation develops.

**Ingestion:** Watch victim for any signs of illness. Induce vomiting only if advised by a physician.

## SECTION VII: Precautions for Safe Handling and Use

**Handling and Storage:** Keep out of reach of children and away from food and potable water. Store out of direct sunlight and away from damp environment. Keep container closed when not in use.

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

## SECTION VIII: Control and Protection Measures

**Respiratory Protection:** Not required for normal use.

**Ventilation:** Local exhaust should be sufficient. Mechanical ventilation may be necessary for mist.

**Protective Gloves:** Disposable nitrile gloves are recommended.

**Eye Protection:** Chemical goggles recommended.

**Other Protective Clothing or Equipment:** None required, however avoid prolonged contact with skin.

**Work/Hygienic Practices:** Avoid breathing vapor or spray mist. Wash hands thoroughly after contact and before breaks and meals.

## SECTION IX: Transportation (DOT Classification)

**Hazard Class:** Not D.O.T. regulated.

## SECTION X: Other Regulatory Controls

None

N/A - Not Applicable

N/E - Not Established

N/D - Not Determined

ca. - Approximately