

# MATERIAL SAFETY DATA SHEET

Used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.  
Made on the base of the Form (OSHA 174, Sept. 1985, approved OMB No. 1218-0072)  
U. S. Department of Labor, Occupational Safety and Health Administration.

**IDENTITY (As used on Label and List):**

**CAL3™**

## SECTION I

**Manufacturer's Name and Address:**  
Cytzyme Laboratories, Incorporated  
2700 South 600 West  
Salt Lake City, UT 84115 U.S.A.

**Emergency Telephone Number:** (800) 222-1222  
Poison Control Center (24 hours)  
**Telephone Number for Information:**  
(801) 533-9208  
**Date Prepared:** July, 2011

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

**Section 313 EPA Supplier Notification Requirement:** This product does not contain EPCRA Section chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> 212°F (100°C)	<b>Specific Gravity:</b> 1.34 g/ml
<b>Vapor Pressure:</b> Not applicable (N/A)	<b>Melting Point:</b> N/A
<b>Vapor Density:</b> N/A	<b>Evaporation Rate:</b> N/A
<b>Solubility in water:</b> Forms suspension.	<b>pH:</b> 4.5 – 6.5
<b>Appearance and odor:</b> Brown liquid with a characteristic organic odor.	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** N/A    **Flammable Limits:** N/A    **LEL:** N/A    **UEL:** N/A  
**Extinguishing Media:** Use media appropriate for the surrounding fire.  
**Special Fire Fighting Procedure:** No special measures required.  
**Unusual Fire and Explosion Hazards:** Under thermal decomposition product may emit toxic fumes.

## SECTION V - REACTIVITY DATA

**Stability:** Stable  
**Incompatibility (materials to avoid):** None known.  
**Hazardous Decomposition or Byproducts:** If involved in a fire, oxides of carbon fumes may be generated.  
**Hazardous Polymerization:** Will not occur.

## SECTION VI - HEALTH HAZARD DATA

### Health Hazards (Acute and Chronic):

Ingestion:	May be harmful, due to presence of calcium and chlorides.
Skin contact:	Acute exposure not expected to cause skin irritation, chronic exposure may cause dry skin or skin irritation.
Eye contact:	May cause eye irritation.
Inhalation:	May cause irritation of respiratory tract.
<b>Carcinogenicity:</b>	No information.

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**SECTION VI - HEALTH HAZARD DATA (Cont.)**

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**Signs and Symptoms of Exposure:**

- Ingestion: May cause nausea and abdominal cramps.  
Skin contact: Chronic skin exposure may cause dry skin and dermatitis.  
Eye contact: May cause irritation.  
Inhalation: May cause cough and irritation of nose and throat.

**Medical Conditions Generally Aggravated by Exposure:** Not known.

**Emergency and First Aid Procedures:**

- Ingestion: Give large quantities of water or milk and induce vomiting if the victim is conscious. Never induce vomiting or give water/milk to unconscious person. Contact physician or Poison Control Center immediately.  
Skin contact: Wash thoroughly with soap and water.  
Eye contact: Wash with copious amount of water. If irritation persists, contact physician.  
Inhalation: Remove person to fresh air. If irritation persists, contact physician.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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**Steps to Be Taken in Case Material is Released or Spilled:**

Collect spill and containerize. Wash spill area with large amount of water.

**Waste Disposal Method:** Dispose according to the federal, state, or local regulations.

**Precautions to be Taken in Handling and Storing:** Keep out of the reach of children.

Do not store with food, feed or other materials for human or animal consumption.

Keep container tightly closed. Store between 40 and 110°F (5 and 43°C).

**Other Precautions:** Do not evaporate to dryness.

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**SECTION VIII - CONTROL MEASURES**

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**Respiratory Protection:** Not required under normal conditions. Use respirator in the areas of potentially high aerosol concentration.

**Ventilation:** Not required under normal conditions. Local exhaust sufficient.

**Protective Gloves:** Not required under normal conditions. Recommended for workers with dermatitis.

**Eye Protection:** Not required under normal conditions. Splash guard goggles recommended if splashing or aerosol conditions exist.

**Other Protective Clothing or Equipment:** Not required under normal conditions. If eye or skin contact can occur washing facility for eyes and skin should be available nearby.

**Work/Hygienic Practices:** Avoid getting the product on you or in you. Wash hands after handling. Do not eat or drink while handling the product.

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