

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):

Dry Seed+™

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
Updated: March, 2010

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
14464-46-1	Crystalline Silica (cristobalite/tridymite)	7-13
14808-60-7	Crystalline Silica (quartz)	0-1
14807-96-6	Talc	20-30

Section 313 EPA Supplier Notification Requirement: This product contains the following EPCRA Section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

NA	Zinc Compounds	2.5
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OSHA & ACGIH AIR BORNE DUST EXPOSURE LIMITS

<u>OSHA PEL</u>	<u>ACGIH TLV</u>	
Talc:	2.0 mg/m ³ (respirable dust) TWA	2.0 mg/m ³ (respirable dust) TWA
Silica (cristobalite/tridymite):	0.05 mg/m ³ (respirable dust) TWA	0.05 mg/m ³ (respirable dust) TWA
Silica (quartz):	0.1 mg/m ³ (respirable dust) TWA	0.1 mg/m ³ (respirable dust) TWA

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not applicable (N/A)	Specific Gravity: N/A
Vapor Pressure: N/A	Melting Point: N/A
Vapor Density: N/A	Evaporation Rate: N/A
Solubility in water: Forms suspension.	pH: N/A
Appearance and odor: Light beige powder with slight 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): Avoid contact with strong alkaline materials.
Hazardous Decomposition or Byproducts: If involved in a fire, oxides of carbon, sulfur, nitrogen, and metal 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 micronutrients.
Skin contact:	Acute exposure not expected to cause skin irritation, chronic exposure may cause dry skin or skin irritation.
Eye contact:	Non irritant (rabbits).
Inhalation:	Acute exposure to dust may cause irritation to respiratory tract. Chronic inhalation of crystalline silica dust in excess of TVL and PEL values of 0.05 mg/m ³ over an extended number of years may cause silicosis, a progressive, sometimes fatal, lung disease.

Carcinogenicity: OSHA has not classified crystalline silica as a carcinogen, NTP classified it as “reasonably anticipated to be a carcinogen”, and IARC as Class 2A, “probably carcinogenic to humans”.

Signs and Symptoms of Exposure:

Ingestion:	No adverse effects.
Skin contact:	Chronic skin exposure may cause dry skin and dermatitis.
Eye contact:	No adverse effect (possible mechanical irritant).
Inhalation:	May cause cough and irritation of nose and throat.

Medical Conditions Generally Aggravated by Exposure: Not known.

Emergency and First Aid Procedures:

Ingestion:	Drink large amounts of water.
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.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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

If clean and dry vacuum/sweep up and return to the container for use. Otherwise vacuum for disposal. Avoid using water. Product slippery when wet.

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) in dry place.

Other Precautions: None.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: In the area of high dust concentration use respirators approved by NIOSH/MSHA for silica bearing dust.

Ventilation: Local exhaust sufficient.

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

Eye Protection: Not required under normal conditions. Goggles in the areas of potentially high dust concentration.

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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