SAFETY DATA SHEET
DIASTASE

Section 1 - Chemical Product and Company Identification

**SDS Name:** Diastase
**Catalog Numbers:** E-340-1
**Company Identification:** ROWLEY BIOCHEMICAL
10 ELECTRONICS AVENUE
DANVERS, MA 01923

*For information, call:* 978-739-4883
*Emergency Number:* 800-424-9300
*For CHEMTREC assistance, call:* 800-424-9300

Section 2 - Hazards Identification

**GHS Classifications**

**HEALTH HAZARDS**

- H315-Skin Corrosion/Skin Irritation: 2
- H319-Eye damage/Irritation: 2A
- H317-Skin Dermal Sensitization-1
- H334-Respiratory Sensitization-1

**PHYSICAL HAZARDS**

Not classified

**ENVIRONMENTAL HAZARDS**

- Aquatic acute environmental Hazards: Not classified
- Chronic environmental Hazards: Not classified

**Pictograms or Hazard symbols and Hazard statement.**

| Warning: Causes skin irritation. |
| Causes serious eye irritation. |
Danger: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statement

H315
P264-Wash thoroughly after handling.
P280-Wear protective gloves.
P302+P352-IF ON SKIN: Wash with plenty of soap and water.
P332+P313-If skin irritation occurs: Get medical advice/attention.
P362-Take off contaminated clothing and wash before reuse

H319
P305 + P351 + P338 If in eyes, rinse cautiously with water for several minutes.
P337 + P313 If eye irritation persists, get medical advice/attention.
P285 In case of inadequate ventilation, wear respiratory protection.

H317
P272 Contaminated work clothing should not be allowed out of the work place.
P333+P313 IF ON SKIN: Wash with plenty of soap and water.
P363 Wash contaminated clothing before reuse.

H334
P261 Avoid breathing fumes/mist/vapors.
P285 In case of inadequate ventilation, wear respiratory protection.
P304+P341 IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342+P311 if experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>Percent</th>
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Section 4 - First Aid Measures

**Eye Exposure:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Dermal Exposure:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.

**Oral Exposure:** If Swallowing seek immediate medical advice.

**Inhalation Exposure:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Section 5 - Fire Fighting Measures

Firefighters should wear proper protective clothing and self contained breathing apparatus with full piece operated in positive pressure mode to prevent contact with skin and eyes.

**Extinguishing Media:** Use water spray, dry chemical powder, or appropriate foam.

**Flash Point:** N/A

**NFPA Rating:** (estimated) Health: 1; Flammability: 0; Instability: 0

Section 6 - Accidental Release Measures

**Procedure(s) of Personal Precaution(s):**
Wear protective gear.

**Methods for Cleaning up:** Absorb with sand, earth or vermiculite. Carefully sweep up and containerize for proper disposal.

Section 7 - Handling and Storage

Use care when handling. Wash thoroughly after handling. Store capped at room temperature. Keep away from incompatible materials.

Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:** Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use
adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

**Personal Protective Equipment**

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA’s eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** A respiratory protection program that meets OSHA’s 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator’s use.

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### Section 9 - Physical and Chemical Properties

**Physical State:** Powder  
**Appearance:** White  
**Vapor Pressure:** N/A  
**Vapor Density:** N/A  
**Evaporation Rate:** N/A  
**Viscosity:** N/A  
**Boiling Point:** N/A  
**Freezing/Melting Point:** N/A  
**Decomposition Temperature:** N/A

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### Section 10 - Stability and Reactivity

**Chemical Stability:** Stable under ordinary conditions of use and storage.

**Conditions to Avoid:** Not available.

**Incompatibilities with Other Materials:** Not available.

**Hazardous Decomposition Products:** Not available.

**Hazardous Polymerization:** Will not occur.

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### Section 11 - Toxicological Information

**RTECS#:**

**LD50/LC50:**  
CAS#8049-47-6 Not Available

**Carcinogenicity:**  
CAS# 8049-47-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Section 12 - Ecological Information

Ecotoxicity:

CAS# 8049-47-6: Not available

Environmental: No information available.
Physical: No information available.
Other: No information available.

Section 13 - Disposal Considerations

Appropriate method of disposal of substance or preparation:

Handled as hazardous waste and sent to an RCRA approved incinerator or disposed in an RCRA approved wasted facility.

Section 14 – Transport Information

DOT
Non-Regulated

Section 15 - Regulatory Information

Canada Regulatory Information
WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

European/International Regulations
European Labeling in Accordance with EC Directives

Risk Phrases:

R22 Harmful if swallowed.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.

Safety Phrases:

S26/28 In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice.
S36 Wear suitable protective clothing.

Section 16 - Additional Information

MSDS Creation Date: 10/15/12
Revision #1. 4-21-14 YM
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