

MATERIAL SAFETY DATA SHEET



12505 BL, BIRMGHAM, AL 35243

Section 1 Chemical Product and Company Information

Product RENNET TABLETS

Synonyms: Microbial Rennet

CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300

Section 2 Hazards Identification

Emergency Overview

USE IN KEEPING WITH GOOD LABORATORY PRACTICES.

Store in a cool dry place. Wash thoroughly after handling.

Target organs: None known

Health	Fire	Reactivity	Contact
0	0	0	0

HMIS*

Section 3 Composition / Information on Ingredients

Chemical Name	CAS #	TLV Units
Rennet tablets	9073-79-4	None established (ACGIH 2001)

Section 4 First Aid Measures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes. Lift upper and lower eyelids occasionally. Get immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire Fighting Measures

General information: In fire conditions, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective gear. During a fire irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.

Extinguishing Media: Carbon dioxide dry chemical water spray alcohol foam
Flash Point: Non-flammable
Autoignition temperature: N/A
Explosion Limits: Lower: N/A Upper: N/A

NFPA	
0	0
0	0
0	0

None listed.

Section 6 Accidental Release Measures

Use proper personal protective equipment as indicated in Section 8. Remove all sources of ignition. Provide adequate ventilation. Recover for use if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water. Avoid runoff into storm sewers and ditches which lead to waterways.

Section 7 Handling & Storage

Read label on container before using. Do not wear contact lenses when working with chemicals. Keep container tightly closed. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Handling: Avoid prolonged contact with skin and eyes. Do not ingest. Wash thoroughly after handling.

Storage: Store in a cool dry area.

Section 8 Exposure Controls / Personal Protection

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

Section 9 Physical & Chemical Properties

Physical state: Solid.

Appearance: Tan-light brown round tablets.

Odor: Peculiar odor.

pH: N/A

Vapor pressure (mm Hg): Negligible.

Vapor Density (Air = 1): N/A

Evaporation rate (= 1): N/A

Viscosity: N/A

Boiling point: Decomposes

Freezing / Melting point: N/A

Decomposition temperature: N/A

Solubility in water: ~ 1 g/100ml @ 20 C.

Specific gravity (H₂O = 1): ~ 1.3

Percent volatile (%): N/A

Molecular formula: Natural product.

Molecular weight: N/A

Section 10 Stability & Reactivity

Chemical stability: Stable

Conditions to avoid: Excessive temperatures, high humidity and sunlight.

Incompatibilities with other materials: Strong oxidizers.

Hazardous decomposition products: Carbon oxides, nitrogen oxides.

Hazardous polymerization: Will not occur.

Section 11 Toxicological Information

Effects of overexposure: Inhalation of enzyme dust may cause a allergic type reaction in susceptible individuals upon repeated exposure. Contact with skin and eyes may cause irritation. Ingestion may cause irritation to mouth and throat. Exercise appropriate procedures to minimize potential hazards.

RTCS # N/A

Section 12 Ecological Information

Data not yet available.

Section 13 Disposal Considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

Section 14 Transport Information

UN/NA number: N/A

Shipping name: Not Regulated.

Hazard class: N/A

Packing group: N/A

Exceptions: N/A

Section 15 Regulatory Information

EINECS listed (232-975-5) Not listed with the following: TSCA, DSL, WHMIS Canada

Section 16 Additional Information

The information contained herein is furnished without liability of any kind. It does not constitute a contract and is not intended to be a substitute for the information provided by the manufacturer. It is the responsibility of the user to determine the applicability of this information to their own situation. Federal, state and local regulations may vary. Hazardous Materials Regulations apply.

