



## Material Safety Data Sheet Trypsin USP Bovine

### SECTION 1: PRODUCT IDENTITY

**Product Name:** Trypsin  
**Source:** Bovine Pancreas

### SECTION 2: COMPOSITION INFORMATION

**EC Number:** 3.4.21.4

**CAS Number:** 9002-07-7

**Description:** White to off-white freeze dried powder

### SECTION 3: HAZARD IDENTIFICATION

Harmful if swallowed, may cause sensitization by inhalation and contact with skin. Avoid contact and inhalation.

### SECTION 4: FIRST AID MEASURES

If swallowed wash mouth with water, provided person is conscious. In case of contact with skin or eyes, flush with copious amounts of water and call a physician, If inhaled, move to fresh air, if breathing becomes difficult, call a physician. Remove and wash contaminated clothing promptly.

### SECTION 5: FIRE FIGHTING MEASURES

No fire and explosion hazard. In case of fire use water spray, carbon dioxide or dry chemical powder and wear protective clothing. Prevent contact with skin and eyes.

### SECTION 6: STORAGE

To preserve enzyme activity, store desiccated at 59 degrees Fahrenheit or below

### SECTION 7: ACCIDENTAL RELEASE MEASURES

**Wear:** a) Dust Mask b) Safety Goggles c) Gloves d) Laboratory Coat  
Spilled material should be carefully wiped up, place in bag for disposal. Wash spillage site with water. Ventilate area after spillage is cleared. Avoid raising dust.

**SECTION 8: PERSONAL PROTECTION & EXCESSIVE CONTROLS**

Wear, protective clothing referred to in section 7. Do not breath in dust. Avoid contact with skin, eyes and clothing. Avoid prolonged exposure. Keep tightly closed. Store in a cool dry place.

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

Lyophilized powder.

**SECTION 10: STABILITY & REACTIVITY**

Stable. Nature of decomposition products not known.

**SECTION 11: ECOLOGICAL INFORMATION**

Data not available.

**SECTION 12: TOXICOLOGICAL INFORMATION**

Harmful by inhalation, ingestion and skin absorption. Causes irritation. Material is irritating to mucous membranes and upper respiratory tracts. Prolonged exposure may cause allergic reactions. The toxicological properties have not been thoroughly investigated.

**SECTION 13: DISPOSAL CONSIDERATION**

Dissolve or mix material with combustible solvent and bum in a chemical incinerator equipped with an after burner and scrubber. Observe all environmental regulations.

**SECTION 14: TRANSPORT INFORMATION**

Keep below 59 degrees Fahrenheit in transit

**SECTION 15: REGULATORY INFORMATION**

Harmful, R36/37/38 R32/42 S22/26/3S/37

**SECTION 16: OTHER INFORMATION**

***To the best of our knowledge (Desert Biologicals), the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.***

***Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.-***

Material Safety Data Sheet