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MATERIAL SAFETY DATA SHEET (MSDS)**TRYPSIN 1:250 (FROM BOVINE PANCREASE)****1. Product Identification**

Synonyms: Pepsin A; Pepsin NF; Pepsinum; Puerzym
CAS No.: 9002-07-7

Product Coad: T0211400025

Molecular Weight: NA
Chemical Formula: NA

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent
TRYPSIN	9002-07-7	100%

3. Hazards Identification

Route Of Entry Inds - Inhalation: YES Skin: YES Ingestion: YES
Carcinogenicity Inds - NTP: NO IARC: NO OSHA: NO
Health Hazards Acute And Chronic: HARMFUL BY INGESTION, INHALATION/SKIN ABSORPTION. MAY CAUSE EYE, SKIN, MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT IRRITATION.
Explanation of Carcinogenicity: NONE
Signs and Symptoms of Overexposure: IRRITATION, ALLERGIC RESPIRATORY & SKIN REACTIONS.
Medical Conditions Aggravated by Overexposure: N/K

4. First Aid Measures

EYES: IMMEDIATELY FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. SKIN: IMMEDIATELY WASH W/SOAP & COPIOUS AMOUNTS OF WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. INGESTION: IF CONSCIOUS, WASH MOUTH OUT W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES

5. Fire Fighting Measures

Flash Point Text: N/K
Auto Ignition Temperature Text:
Lower Limits: N/K Upper Limits: N/K
Extinguishing Media: WATER SPRAY, CO₂, DRY CHEMICAL POWDER, APPROPRIATE FOAM.
Fire Fighting Procedures: WEAR A SCBA & PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard: N/K

6. Accidental Release Measures

Spill Release Procedures: WEAR A RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SITE AFTER MATERIAL PICKUP IS COMPLETE.
Neutralizing Agent: N/K
Waste Disposal Methods: DISSOLVE/MIX MATERIAL W/A COMBUSTIBLE SOLVENT & BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER IAW/FEDERAL, STATE & LOCAL REGULATIONS.

7. Handling and Storage

STORE IN A COOL DRY PLACE. STORE AWAY FROM HEAT. KEEP TIGHTLY CLOSED. HARMFUL SOLID.

8. Exposure Controls/Personal Protection

Respiratory Protection: WEAR AN APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation: MECHANICAL EXHAUST: REQUIRED.
Protective Gloves: CHEMICAL RESISTANT
Eye Protection: SAFETY GOGGLES
Other Equipment: OTHER PROTECTIVE CLOTHING, SAFETY SHOWER & EYE BATH
Work Hygienic Practices: OTHER PROTECTIVE CLOTHING, SAFETY SHOWER & EYE BATH
Supplemental Safety & Health: N/K

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Appearance: White powder.
Boiling Point: N/K

10. Stability and Reactivity

Stability Indicator: YES
Stability Conditions to Avoid: N/K
Materials to Avoid: N/K
Hazardous Decomposition Products: N/K
Hazardous Polymerization Products: NO
Conditions to Avoid Polymerization: N/K

11. Toxicological Information

No LD50/LC50 information found relating to normal routes of occupational exposure. Investigated as a mutagen.

---NTP Carcinogen---

Ingredient	Known	Anticipated	IARC Category
TRYPSIN	No	No	None

12. Ecological Information

Environmental Fate: No information found.
Environmental Toxicity: No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Non Hazardous For Air, Road and Sea Transport

15. Regulatory Information

SARA Title III: N/A
Federal Regulatory: N/A

16. Other Information

Product Use: Laboratory Reagent.

MATERIAL SAFETY DATA SHEET (MSDS)

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In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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