

Materials Safety Data Sheet
RENCO RENCO Pancreatin
(Hazardous)

1. IDENTIFICATION of the Product and Company

Product Name : Bovine (calf) Pancreatin.
Recommended Use : Hydrolysis of proteins, fats and starch
Trade Name : RENCO
Manufacturer : Renco New Zealand, 10 London Street, PO Box 122,
Eltham, NEW ZEALAND
Telephone : +64 6 764 8008
Facsimile : +64 6 764 7509
Contact Point : Melvyn Smith, Renco New Zealand
Phone: +64 6 764 7880
Mobile: +64 21 382 157

2. HAZARDS IDENTIFICATION



GHS07

H315 Causes skin Irritation

H319 Causes serious eye irritation

PRECAUTIONARY Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338 If in eyes rinse cautiously with water for several minutes, remove contact lens, continue rinsing.

Inhalation : Not applicable.
Skin Contact : Mild irritant.
Eye Contact : Irritating to the eyes.
Ingestion : Not toxic but may cause mild gastrointestinal effects.

3. COMPOSITION / INFORMATION ON INGREDIENTS

EC number : **232-468-9**

Ingredients	CAS No.	proportion
water	7732-18-5	60%
glycerol	56-81-5	30%
pancreatic enzymes	8049-47-6	<10%
potassium sorbate	24634-61-5	0.1%

4. FIRST AID MEASURES

Swallowed : Rinse mouth and throat with cold water and give water to drink. Seek medical advice.

Eye : Flush with copious cold water. Seek medical advice.

Skin : Wash the affected area with soap and water. Remove and wash contaminated clothing.

Inhaled : Not applicable.

First Aid Facilities : Water to be available as an aid in first aid.

Notes for Medical Personnel

Most important symptoms and effects, both acute and delayed:

No further relevant information available.

Indication of any immediate medical attention and special treatment needed:

NO further relevant information available.

5. FIRE FIGHTING MEASURES

Flammability : Non-flammable

Extinguishing Media : Not applicable

Hazards of Combustion : Not applicable

Special protective equipment : Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Disposable gloves and eye protection.

Environmental Precautions : Spillages should be flushed away with copious water to the trade waste effluent system.

Renco New Zealand. has taken all care that the information contained in this MSDS is correct. However, no warranty is expressed or implied regarding the data or the results obtained from the use of the product. Renco New Zealand assumes no responsibility for personal injury or property damage to purchasers, users, or third parties caused by the material. Purchasers and users assume all risks associated with the use of this product.

**Materials Safety Data Sheet-
Renco Bovine Pancreatin.**

Spillages : May be slippery when split, use caution and hose away.

7. HANDLING AND STORAGE

Handling : Avoid contact with eyes and skin contact .
Eating, drinking and smoking in work areas is prohibited.
Wash hands after use.
Remove protective equipment and contaminated clothing
before entering eating areas.

Materials to avoid : non known.

Storage conditions : Long term storage frozen at – 18°C
Short term in a cool place, at or below 8°C
Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

SUBSECTION 1 : WORKPLACE EXPOSURE GUIDELINE

Occupational Exposure : Non specified
Dangerous Exposure : Non specified
Engineering Controls : Non specified

SUBSECTION 2 : ENGINEERING CONTROLS

Respiratory Protection : Not applicable.
Hand Protection : Gloves to be worn.
Eye Protection : Wear chemical safety goggles in situations where contact
with the eyes may occur.
Skin Protection : Skin should be washed to remove with copious water.
Other protective measures : An eyewash and hand washing facilities should be readily
available.

Renco New Zealand. has taken all care that the information contained in this MSDS is correct. However, no warranty is expressed or implied regarding the data or the results obtained from the use of the product. Renco New Zealand assumes no responsibility for personal injury or property damage to purchasers, users, or third parties caused by the material. Purchasers and users assume all risks associated with the use of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	light/dark brown/red
Odour	:	Slight but not unpleasant odour
pH:	:	5.0 ± 0.25 (mildly acidic)
Solubility	:	fully miscible in water
Density	:	1.131kg/L
Melting Point	:	Not applicable
Boiling Point	:	Not applicable
Flammability Point	:	Non-flammable
Flash Point	:	Non-flammable
Explosive properties	:	Non-flammable
Oxidising properties	:	Non-flammable
Vapour pressure	:	Not known
Viscosity	:	Not applicable
Vapour density	:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	:	Stable
Conditions to avoid	:	Avoid excessive heat, direct sunlight.
Material to avoid	:	none known
Hazardous decomposition products	:	Not applicable

11. TOXICOLOGICAL INFORMATION

Eyes	:	Aerosols/ splashes may be irritating.
Skin	:	Irritation after prolonged contact.
Ingestion	:	May cause gastrointestinal upset.
Inhalation	:	Not applicable.
Carcinogenicity	:	Not considered a carcinogen.
Mutagenicity	:	Not considered to be a mutagen.
Reproductive Effects	:	None identified.

Renco New Zealand. has taken all care that the information contained in this MSDS is correct. However, no warranty is expressed or implied regarding the data or the results obtained from the use of the product. Renco New Zealand assumes no responsibility for personal injury or property damage to purchasers, users, or third parties caused by the material. Purchasers and users assume all risks associated with the use of this product.

12. ECOLOGICAL INFORMATION

Ecotoxic effect : Non hazardous in the aquatic environment.

13. DISPOSAL CONSIDERATION

Spills / Disposal : Recover the product when possible. Wash the spill area down with copious water if necessary.

14. TRANSPORT INFORMATION

**Transport Hazard Classes
DOT, ADR, ADN, IMDG, IATA
Class** : **NOT applicable**

UN Proper Shipping name
DOT, ADN, IMDG, IATA : NOT applicable

UN-Number
DOT, ADN, IMDG, IATA : NOT applicable

Packing Group
DOT, IMDG, IATA : NOT APPLICABLE

Environmental Hazards : NOT APPLICABLE

SPECIAL Precautions : NOT APPLICABLE

15. REGULATORY INFORMATION

Approval status : Pancreatin -Approved by EPA New Zealand under Group Standard HSR004052

Approved by FDA under 21CFR184.1583

Safety Phrases / GHS Class Health Hazard

: Skin corrosion /irritation Category 2

Serious eye damage/eye irritation Category 2A

Skin sensitisation Category 1

Renco New Zealand. has taken all care that the information contained in this MSDS is correct. However, no warranty is expressed or implied regarding the data or the results obtained from the use of the product. Renco New Zealand assumes no responsibility for personal injury or property damage to purchasers, users, or third parties caused by the material. Purchasers and users assume all risks associated with the use of this product.

16. OTHER INFORMATION

The information is based on our current level of knowledge and it is related to the product in the state in which it is delivered. It should not be therefore construed and guaranteeing specific properties of the product described or its suitability for a particular application.