



# SAFETY DATA SHEET

CHY-MAX® Plus

Version: 6 AUS / EN

Revision Date: 12-02-2020

## 1. PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product name: CHY-MAX® Plus

Material No.: 117404

Application: Milk-clotting enzyme for cheese making and rennet casein products.

Supplier: Chr. Hansen Pty Ltd  
P.O. Box 591  
3153 Bayswater, Victoria  
Phone: +61 3 9762 9600

Headquarters: Chr. Hansen A/S  
Boge Allé 10-12  
DK-2970 Horsholm  
Tel. +45 45 74 74 74

Emergency telephone: +61 3 9762 9600 (Monday through Thursday, 9:00 AM to 5:00 PM. Friday, 9:00 AM to 4:00 PM)

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## 2. HAZARDS IDENTIFICATION

Not classified as hazardous according to the Globally Harmonized System of classification and labelling of chemicals (GHS).

Classification of the substance or mixture

The product is not classified.

Label elements

Signal Word None.

Hazard statements None.

Precautionary statements None.

Supplemental hazard information

None

Other hazards

[www.chr-hansen.com](http://www.chr-hansen.com)

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Physical and Chemical Hazards: The hazardous properties of the product are considered to be limited.

Human health: Prolonged skin contact may cause redness and irritation.

Environment: The harmful effects of the product in the environment are considered to be limited.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

The product contains: enzymes.

The following substances shall be indicated according to legislation:

<u>Chemical name</u>	<u>CAS-No</u>	<u>%</u>	<u>GHS</u>	<u>Notes:</u>
glycerol	56-81-5	1 - 5	-	WADA

## 4. FIRST-AID MEASURES

Inhalation: Move into fresh air and keep at rest.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring these instructions.

Ingestion: Rinse mouth thoroughly. If uncomfortable: Get medical attention.

Most important symptoms and effects, both acute and delayed: Prolonged skin contact may cause redness and irritation.

Indication of any immediate medical attention and special treatment needed: Symptomatic treatment.

## 5. FIRE-FIGHTING MEASURES

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Specific hazards: No specific precautions.

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin and eyes. Follow precautions for safe handling described in this safety data sheet.
Environmental precautions:	Avoid discharge into drains, water courses or onto the ground.
Spill Cleanup Methods:	Flush away small spillages with plenty of water. Large quantities: Absorb spillage with suitable absorbent material. Flush contaminated area with plenty of water.
Reference to other sections:	For personal protection, see section 8. For waste disposal, see section 13.

### 7. HANDLING AND STORAGE

Safe handling advice:	Avoid contact with skin and eyes. Observe good industrial hygiene practices.
Technical measures:	Keep the workplace clean.
Technical precautions:	No special precautions.
Technical measures for safe storage:	No special precautions.
Storage conditions:	Store in tightly closed original container. Store at refrigerated temperature conditions. For detailed information consult the PI sheet. Store in a dry place. Protect against direct sunlight.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation. Minimise the risk of inhalation of vapours and mist.

<u>Chemical name</u>	<u>Exposure limits</u>	<u>Notes</u>
glycerol	TWA: 10 mg/m <sup>3</sup> containing no asbestos and <1% crystalline silica inhalable dust, mist	

<u>Chemical name</u>	<u>Exposure limits (ACGIH):</u>	<u>Notes</u>
glycerol		WADA

Respiratory equipment: Not relevant.

Hand protection: Gloves are recommended for prolonged use. Nitrile gloves are recommended. Other types of gloves can be recommended by the glove supplier. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Eye protection: Risk of contact: Wear goggles/face shield.

Skin protection: No special precautions.

Hygiene measures: Wash hands after contact.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Colorless to amber
Odour:	Characteristic
pH:	5.50 - 6.00
Melting point:	Not relevant
Boiling point:	Not relevant
Decomposition temperature:	Not relevant
Flash point:	Not relevant
Relative density:	1.08 - 1.12
Solubility:	Water soluble

Other information

No information available.

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### 10. STABILITY AND REACTIVITY

Reactivity:	None known.
Stability:	Stable under normal temperature conditions and recommended use.
Possibility of hazardous reactions:	None known.
Conditions to avoid:	Avoid exposure to high temperatures or direct sunlight.
Incompatible Materials:	None known.
Hazardous decomposition products:	None known.

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### 11. TOXICOLOGICAL INFORMATION

Inhalation:	Not relevant at normal room temperatures.
Skin contact:	Prolonged contact may cause redness, irritation and cracking.
Eye contact:	May cause temporary eye irritation.
Ingestion:	May irritate and cause malaise.
Specific effects:	None known.

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### 12. ECOLOGICAL INFORMATION

Toxicity	The harmful effects of the product in the environment are considered to be limited.
Persistence and degradability	The product is expected to be biodegradable.
Bioaccumulative potential	Bioaccumulation: Is not expected to be bioaccumulable.
Mobility in soil	The product is water soluble and may spread in water systems.

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Other adverse effects                      None known.

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### 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

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### 14. TRANSPORT INFORMATION

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADG).

UN number                                      -

Air (ICAO/IATA):

Transport hazard class(es)                -

Packing group                                 -

Sea (IMDG):

Transport hazard class(es)                -

Packing group                                 -

EmS    -

MFAG    -

Land (RID/ADR):

Transport hazard class(es)                -

Packing group                                 -

HAZCHEM CODE:                               -

Environmental hazards

Marine pollutant (IMDG): -

Special precautions for user

None known.

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### 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific Provisions:                          Local State and Territory regulation may apply.

Regulation:

Preparation of safety data sheets for hazardous chemicals. Code of Practice Dec. 2011.  
Guidance on the classification of hazardous chemicals under the WHS regulation.  
Implementation of the Globally Harmonised System of classification and labelling of  
chemicals (GHS).  
GHS Hazardous Chemical Information List.

Poison Schedule Number:

No Poisons Schedule number allocated.

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### 16. OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

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Wording of Hazard Statements

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