

SAFETY DATA SHEET

Betastar® 100

Version: 6 GB / EN

Revision Date: 15-09-2015

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: Betastar® 100
Material No.: 600898

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application: Test kit for determination of beta-lactam and cephalosporin antibiotics in milk.
Vial 1: Powder.

1.3 Details of the supplier of the safety data sheet

Supplier: Chr. Hansen (UK) Ltd.
2, Tealgate
RG17 0YT Hungerford
Berkshire
Phone: +44 1488 689800

SDS@chr-hansen.com

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

1.4 Emergency telephone number

Emergency telephone: +45 45 74 74 74

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product is not classified.

2.2 Label elements

Signal Word None.

Hazard statements None.

Precautionary statements None.

Supplemental hazard information

None

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2.3 Other hazards

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

Human health: The hazardous properties of the product are considered to be limited.
May be slightly irritating to skin and eyes.

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Does not contain substances that must be indicated according to current regulations.

SECTION 4. FIRST-AID MEASURES

4.1 Description of first aid measures

Inhalation: Not relevant, due to the form of the product.

Skin contact: Not relevant, due to the form of the product.

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 along these instructions.

Ingestion: Not relevant, due to the form of the product.

4.2 Most important symptoms and effects, both acute and delayed

The hazardous properties of the product are considered to be limited.
May be slightly irritating to skin and eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

No specific precautions.

5.3 Advice for firefighters

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Follow precautions for safe handling described in this safety data sheet.

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- 6.2 Environmental precautions
Not relevant, due to the form of the product.
- 6.3 Methods and material for containment and cleaning up
Flush away small spillages with plenty of water.
- 6.4 Reference to other sections
For personal protection, see section 8.
For waste disposal, see section 13.
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SECTION 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling
Safe handling advice: Observe good industrial hygiene practices.
Technical measures: Keep the workplace clean.
Technical precautions: No special precautions.
- 7.2 Conditions for safe storage, including any incompatibilities
Store in tightly closed original container. Store at refrigerated temperature conditions. For detailed information consult the PI sheet.
Technical measures for safe storage: No special precautions.
- 7.3 Specific end use(s)
No information available.
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters
Exposure limits are listed below. No data - no exposure limits noted for ingredient(s).

- 8.2 Exposure controls
Engineering measures: Provide adequate ventilation.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

Respiratory equipment: Not relevant, due to the form of the product.

Hand protection: Gloves are recommended for prolonged use.

Eye protection: No special precautions.

Skin protection: No special precautions.

Hygiene measures: Wash hands after contact.

Environmental Exposure Controls: None.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Powder
Color:	Not relevant
Odour:	Not available
pH:	Not relevant
Melting point:	Not relevant
Boiling point:	Not relevant
Decomposition temperature:	Not relevant
Flash point:	Not relevant
Relative density:	Not available
Solubility:	Not relevant

9.2 Other information

No information available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

None known.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Inhalation: Not relevant, due to the form of the product.

Skin contact: Slightly irritating.

Eye contact: May cause temporary eye irritation.

Ingestion: Not likely, due to the form of the product.

Specific effects: None known, unless listed below.

SECTION 12. ECOLOGICAL INFORMATION

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- 12.1 Toxicity
The harmful effects of the product in the environment are considered to be limited.
- 12.2 Persistence and degradability
The product is expected to be biodegradable.
- 12.3 Bioaccumulative potential
Bioaccumulation: Is not expected to be bioaccumulable.
- 12.4 Mobility in soil
The product is water soluble and may spread in water systems.
- 12.5 Results of PBT and vPvB assessment
No information required.
- 12.6 Other adverse effects
None known.

SECTION 13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods
Dispose of waste and residues in accordance with local authority requirements.
EWC-code: 02 05 01 (Dairy product industry)

SECTION 14. TRANSPORT INFORMATION

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

- 14.1 UN number -
- Air (ICAO/IATA):
- 14.3 Transport hazard class(es) -
- 14.4 Packing group -
- Sea (IMDG):
- 14.3 Transport hazard class(es) -
- 14.4 Packing group -
- EmS -
- MFAG -
- Land (RID/ADR):
- 14.3 Transport hazard class(es) -
- 14.4 Packing group -
- 14.5 Environmental hazards
Marine pollutant (IMDG): -
- 14.6 Special precautions for user
None known.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not relevant.

SECTION 15. REGULATORY INFORMATION

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

National regulation:

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Regulation (EC) No 1907/2006 of the European parliament and of the council of 18 December 2006 with amendments.

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

15.2 Chemical safety assessment:

Not required.

SECTION 16. OTHER INFORMATION

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

The following sections contain revisions or new statements : 2, 16.

Wording of Hazard Statements

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The information in this Safety Data Sheet has been obtained from current and reliable sources. However, the data is provided without warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss injury, damage, or expense resulting from improper use of this product.