

Safety data sheet according to 1907/2006/EC, Article 31

Date Prepared: 26.03.2014

Revision: 21.01.2014

Not classified as hazardous according to criteria of Australian Safety and Compensation Council

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Nutrient Broth
- **Article number:** 231000
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
 - SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
 - SU20 Health services
 - SU24 Scientific research and development
- **Application of the substance / the mixture**
 - In-vitro Diagnostics
 - Preparation
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 - Becton Dickinson Pty Ltd
 - 4 Research Park Drive
 - Macquarie University Research Park
 - North Ryde, NSW 2113
 - Australia
 - Tel: 1800 656 100 (toll free)
- **Further information obtainable from:**
 - Regulatory Affairs Department - telephone: 02 8875 7045, email: ra_anz@bd.com
- **Emergency telephone number:**
 - Emergency Telephone (General Information Only): 1800 656 100 Business Hours: 8:30am to 5:00pm Monday through Friday (EST)

2 Hazards identification

- **Classification of the substance or mixture**
 - The product is not classified according to the Globally Harmonized System (GHS).
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 - This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by the Occupational Safety and Health Administration Hazard Communication Standard or European Directive 67/548/EEC and 1999/45/EC.
- **Information concerning particular hazards for human and environment:**
 - Not applicable
 - The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
 - The classification is in line with current EC lists. It is extended, by information from technical literature and company information.

(Contd. on page 2)

Safety data sheet according to 1907/2006/EC, Article 31

Date Prepared: 26.03.2014

Revision: 21.01.2014

Trade name: Nutrient Broth

(Contd. of page 1)

- **Label elements**
- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture consisting of the following components.
- **Dangerous components:** Void
- **Additional information** For the wording of the listed risk phrases refer to section 15.

4 First aid measures

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Seek medical treatment in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing** If symptoms persist consult doctor.
- **Information for doctor**
- **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 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture**
No further relevant information available.

(Contd. on page 3)

AU

Safety data sheet according to 1907/2006/EC, Article 31

Date Prepared: 26.03.2014

Revision: 21.01.2014

Trade name: Nutrient Broth

- **Advice for firefighters**
- **Protective equipment:** No special measures required.

(Contd. of page 2)

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Wipe up with damp sponge or mop.
- **Methods and material for containment and cleaning up:** No special measures required.
- **Reference to other sections** No dangerous substances are released.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** < 30 °C
- **Information about storage in one common storage facility:**
Store away from oxidizing agents.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**

Protective gloves.

(Contd. on page 4)

AU

Safety data sheet
according to 1907/2006/EC, Article 31

Date Prepared: 26.03.2014

Revision: 21.01.2014

Trade name: Nutrient Broth

(Contd. of page 3)

- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

9 Physical and chemical properties· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**

| | |
|-----------------|------------------|
| Form: | Solid. Powder |
| Colour: | Beige |
| · Odour: | Characteristic |

· **pH-value:** 6.8 +/- 0.2· **Change in condition****Melting point/Melting range:** Not determined**Boiling point/Boiling range:** Not determined· **Flash point:** Not applicable· **Self-igniting:** Product is not selfigniting.· **Danger of explosion:** Product does not present an explosion hazard.· **Density:** Not determined· **Solubility in / Miscibility with****Water:** Soluble· **Other information** No further relevant information available.**10 Stability and reactivity**· **Reactivity**· **Chemical stability**· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known· **Conditions to avoid** No further relevant information available.· **Incompatible materials:** No further relevant information available.· **Hazardous decomposition products:** No dangerous decomposition products known

AU

(Contd. on page 5)

Safety data sheet according to 1907/2006/EC, Article 31

Date Prepared: 26.03.2014

Revision: 21.01.2014

Trade name: Nutrient Broth

(Contd. of page 4)

11 Toxicological information

· Information on toxicological effects**· Acute toxicity:****· Primary irritant effect:****· on the skin:** No irritant effect.**· on the eye:** No irritating effect.**· Sensitization:** No sensitizing effects known.**· Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

· Toxicity**· Aquatic toxicity:** No further relevant information available.**· Persistence and degradability** No further relevant information available.**· Behaviour in environmental systems:****· Bioaccumulative potential** No further relevant information available.**· Mobility in soil** No further relevant information available.**· Additional ecological information:****· General notes:** Generally not hazardous for water.**· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.**· Other adverse effects** No further relevant information available.

13 Disposal considerations

· Waste treatment methods**· Recommendation**

Must be specially treated adhering to official regulations.

Smaller quantities can be disposed of with household waste.

· Uncleaned packaging:**· Recommendation:** Disposal must be made according to official regulations.**· Recommended cleansing agents:** Water, if necessary together with cleansing agents.

AU

(Contd. on page 6)

Safety data sheet
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Revision: 21.01.2014

Trade name: Nutrient Broth

(Contd. of page 5)

14 Transport information

| | |
|---|-----------------|
| · UN-Number | Void |
| · ADG, ADN, IMDG, IATA | Void |
| · UN proper shipping name | Void |
| · ADG, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · ADG, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | |
| · ADG, IMDG, IATA | Void |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | - |

15 Regulatory information

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

· Australian Inventory of Chemical Substances

91079-46-8 Peptones, soybean

· Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither BD or any of its subsidiaries assumes any liabilities 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 described herein, we cannot guarantee that these are the only hazards that exist.

(Contd. on page 7)

AU

Safety data sheet
according to 1907/2006/EC, Article 31

Date Prepared: 26.03.2014

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Trade name: Nutrient Broth

(Contd. of page 6)

· Department issuing MSDS:

*Environmental, Health & Safety
Created by Michael J. Spinazzola*

· Contact: Technical Service Representative**· Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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