



Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 08/03/2004

Reviewed on 07/01/2003

1 Identification of substance:

- **Product name:** Starch Agar
- **Catalog number:** 272100
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Tel: (410) 771-0100 or (800) 638-8663
- **Information department:** Technical Services
- **Emergency information:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems at (410)771-0100 or (800)638-8663, or ChemTrec at (800)424-9300.

2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Mixture consisting of the following components.
- **Dangerous components:** Void

3 Hazards identification

- **Hazard description:**
This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC, and 93/112/EC.
- **Information pertaining to particular dangers for man and environment** Not applicable
- **Classification system**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0-4)**



Health = 0
Fire = 0
Reactivity = 0

4 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.



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(Contd. of page 1)

5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Wipe up with damp sponge or mop.
- **Measures for cleaning/collecting:** No special measures required.
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **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.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

9005-25-8 Starch

| | |
|-----|---|
| PEL | 15*; 5** mg/m ³ *Total dust **Respirable fraction |
| REL | 10*; 5** mg/m ³ *Total dust **Respirable dust |
| TLV | 10 mg/m ³ |

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Personal Protective Equipment**

- **General protective and hygienic measures**

The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:**

In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.

- **Protection of hands:**



Chemical resistant gloves (i.e. nitrile, or equivalent).

- **Eye protection:** Safety glasses

(Contd. on page 3)

**Material Safety Data Sheet**
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Product name: Starch Agar

(Contd. of page 2)

· **Body protection:** Protective work clothing (lab coat).**9 Physical and chemical properties:**· **General Information**

| | |
|---------------|------------------|
| Form: | Solid. Powder |
| Color: | Beige |
| Odor: | Characteristic |

| | |
|---------------------------------------|----------------|
| · Change in condition | Undetermined |
| · Melting point/Melting range: | Not determined |
| · Boiling point/Boiling range: | Not determined |

| | |
|-----------------------|----------------|
| · Flash point: | Not applicable |
|-----------------------|----------------|

| | |
|-------------------------|-------------------------------|
| · Auto igniting: | Product is not self igniting. |
|-------------------------|-------------------------------|

| | |
|-------------------------------|---|
| · Danger of explosion: | Product does not present an explosion hazard. |
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(Contd. of page 4)

· **TSCA (Toxic Substances Control Act)**

| | |
|-----------|------|
| 9002-18-0 | agar |
|-----------|------|

| | |
|-----------|--------|
| 9005-25-8 | Starch |
|-----------|--------|

· **California Proposition 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

· **California Proposition 65 - Chemicals known to cause reproductive toxicity**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

| | | |
|-----------|--------|----|
| 9005-25-8 | Starch | A4 |
|-----------|--------|----|

· **Product related hazard information:**

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations pertaining to regulations on hazardous materials.

· **National regulations**

· **Water hazard class:** Generally not hazardous for water.

16 Other information:

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