12.63%

2.3%



# Material Safety Data Sheet acc. to ISO/DIS 11014

Date Prepared: 03/01/2011

Reviewed On: 02/11/2011

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

- · Product Identifier
- · Product Name: Casman Agar Base
- Catalog Number: 211106
- $\cdot$  Details of the supplier of the safety data sheet
- Manufacturer/Supplier: BD Diagnostic Systems 7 Loveton Circle Sparks, MD 21152 Telephone.: (410) 771 - 0100 or (800) 638 – 8663
- Information Department: Technical Service
- Emergency telephone number:

In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.

#### 2 Composition/information on ingredients

#### · Chemical characterization: Mixture

• Description: Mixture consisting of the following components.

#### · Dangerous Components:

7647-14-5 sodium chloride

9005-25-8 Starch

#### **3 Hazards identification**

- · Classification of the substance or mixture
- · Classification according to Directive 67/548/EEC or Directive 1999/45/EC
  - Xi; Irritant
- R36/37/38: Irritating to eyes, respiratory system and skin.
- · Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- · Label elements
- Labelling according to EU guidelines: The product has been classified and marked in accordance with regulations on hazardous materials.
- Code letter and hazard designation of product: Xi Irritant
- *Hazard-determining components of labelling:* sodium chloride

#### · Risk phrases:

36/37/38 Irritating to eyes, respiratory system and skin.

#### · Safety phrases:

- 2 Keep out of the reach of children.
- 22 Do not breathe dust.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 36 Wear suitable protective clothing.

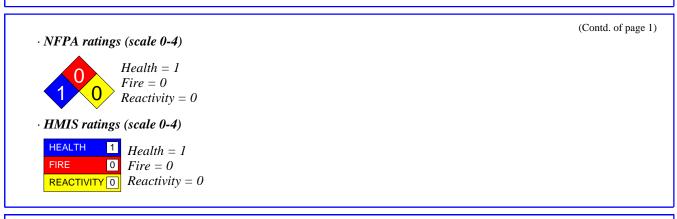
(Contd. on page 2)



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#### 4 First aid measures

- · General information No special measures required.
- After inhalation Supply fresh air; consult doctor in case of complaints.
- · After skin contact Immediately wash with water and soap and rinse thoroughly.
- After eye contact Rinse opened eye for 15 minutes under running water. Then consult a doctor.
- · After swallowing If symptoms persist consult doctor.
- Information for doctor Show this product label or this MSDS.

## **5** Firefighting 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

- · 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
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

## 7 Handling and storage

- · Handling
- · Precautions 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: Store only in the original receptacle.
- Information about storage in one common storage facility: Store away from oxidizing agents.
- Further information about storage conditions: Store in cool, dry conditions in well sealed containers.

(Contd. on page 3)

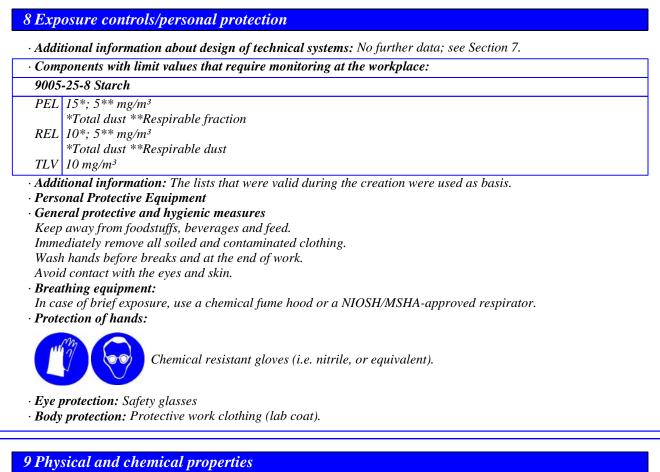


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General Information	
Appearance:	C - 1: 1
Form: Color:	Solid.
•••••	Light beige
Odor:	Characteristic
Change in condition	Undetermined
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	
Flash point:	Not applicable
Auto igniting:	Product is not self igniting.
Danger of explosion:	Product does not present an explosion hazard.
Density:	Not determined
Solubility in / Miscibility with	
Water:	Soluble

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## **10 Stability and reactivity**

• *Thermal decomposition / conditions to be avoided:* No decomposition if used according to specifications. • *Hazardous decomposition products:* Chlorine (Cl)

## **11** Toxicological information

- · Acute toxicity:
- Primary irritant effect:
- $\cdot$  on the skin: Irritant to skin and mucous membranes.
- on the eye: Irritating effect.
- Sensitization: No sensitizing effects known.
- $\cdot$  Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

## **12 Ecological information**

- · Acquatic toxicity: No further relevant information available.
- · Ecotoxical effects:
- Other information:
- The ecological effects have not been thoroughly investigated, but currently none have been identified.
- · Additional ecological information:
- · General notes: Not known to be hazardous to water.

## **13 Disposal considerations**

- · Waste treatment methods
- · Recommendation

Smaller quantities can be disposed of with solid waste. This product is not considered a RCRA hazardous waste. Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.

- · Uncleaned packagings:
- **Recommendation:** Disposal must be made according to state and federal regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

## **14 Transport information**

- · DOT regulations:
- · Hazard class:
- · Land transport ADR/RID (cross-border)
- · ADR/RID class:
- · Maritime transport IMDG:
- · IMDG Class:
- Marine pollutant: No

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USA



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• Air transport ICAO-TI and IATA-DGR:

· ICAO/IATA Class: -

### **15 Regulatory information**

· SARA Section 355 (extremely hazardous substances)

None of the ingredients is listed.

• SARA Section 313 (specific toxic chemical listings) None of the ingredients is listed.

• TSCA (Toxic Substances Control Act)

9002-18-0 agar

7647-14-5 sodium chloride

8013-01-2 yeast extract

9005-25-8 Starch

99-05-8 3-aminobenzoic acid

59-67-6 niacin

52993-95-0 SPS

497-19-8 sodium carbonate

· California Proposition 65 - Chemicals known to cause cancer

None of the ingredients is listed.

· California Proposition 65 - Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· California Proposition 65 - Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· California Proposition 65 - Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· NTP (National Toxicology Program)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

9005-25-8 Starch

## 16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company 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 are described herein, we can not guarantee that these are the only hazards that exist.

• Department issuing MSDS:

- *Environmental, Health & Safety Created by Michael J. Spinazzola*
- *Contact:* Technical Service Representative

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