

Date Prepared: 11/10/2009

Reviewed On: 12/21/2007

1 Identification of substance:

- **Product name:** D/E Neutralizing Agar
- **Catalog number:** 268620
- **Manufacturer/Supplier:**
 BD Diagnostic Systems
 7 Loveton Circle
 Sparks, MD 21152
 Telephone: (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 (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:**

367-51-1	sodium thioglycollate	1.8%
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3 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment**
 R 36/37/38 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.
- **NFPA ratings (scale 0-4)**


 Health = 1
 Fire = 0
 Reactivity = 0

- **HMIS ratings (scale 0-4)**


 HEALTH 1 Health = 1
 FIRE 0 Fire = 0
 REACTIVITY 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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- **After swallowing** If symptoms persist consult doctor.
- **Information for doctor** Show this product label or this MSDS.

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.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8 C
- **Information about storage in one common storage facility:**
Do not store together with oxidizing and acidic materials.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed containers.

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:**

7681-57-4 sodium metabisulphite

TLV 5 mg/m3

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

- **Personal Protective Equipment**
- **General protective and hygienic measures** Keep away from foodstuffs, beverages and feed.
- **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

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

Form:	Powder
	Solid.
Color:	Gray
Odor:	Characteristic

· **Change in condition**

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.· **Vapor pressure:** Not applicable· **Density:** Not determined· **Solubility in / Miscibility with**
Water: Soluble· **Solvent content:**· **Solids content:** 100.0 %**10 Stability and reactivity**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

12 Ecological information:

- **Ecotoxicological effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.

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acc. to ISO/DIS 11014

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General notes: Generally not hazardous for water.

13 Disposal considerations

- Product:**
- Recommendation**
Smaller quantities can be disposed of with solid waste.
Must adhere to official regulations.
- 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:** -
- TDG (Transport dangerous goods):**
- TDG class:** -
- Maritime transport IMDG:**
- Marine pollutant:** No

15 Regulations

- 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)**

All ingredients are listed.

- Carcinogenicity categories**

- NTP (National Toxicology Program)**

None of the ingredients is listed.

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

7631-90-5 sodium bisulfite

A4

- Canadian Substance Listing**

- Canadian Domestic Substance List (DSL)**

All ingredients are listed.

- Canadian Ingredient Disclosure List (limit 0.1%)**

None of the ingredients is listed.

- Canadian Ingredient Disclosure List (limit 1%)**

7631-90-5 sodium bisulfite

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CDN

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497-19-8 sodium carbonate

Product related hazard information:

This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR), and the MSDS contains all of the information required by the CPR.

Hazard symbols:

Xi Irritant

Hazard-determining components of labeling:

sodium thioglycollate

Risk phrases:

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

Safety phrases:

7 Keep container tightly closed.

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.

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:

Safety and Environment Department

MSDS created by Michael J. Spinazzola

Contact: Technical Service Representative

CDN