



Printing date 08/02/2004

1 Identification of substance:

Product name: Phenol Red Sucrose Broth
 Catalog number: 211333

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 ChemTree at (800) 424-9300.

2 Composition/Data on components:

Chemical characterization
 Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:
 7647-14-5 sodium chloride 24.83%

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

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 soap and water 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.

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Information for doctor Show this product label or this MSDS

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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:
 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
 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: No special requirements.

Information about storage in one common storage facility:
 Store away from oxidizing agents.
 Do not store together with acids.

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:
 57-50-1 sucrose

PEL	15*, 5** mg/m ³
	*Total dust **Respirable fraction
REL	10*, 5** mg/m ³
	*Total dust **Respirable fraction
TLV	10 mg/m ³

Personal protection: 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.
 Immediately remove all soiled and contaminated clothing.

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Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

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

Body protection: Protective work clothing (lab coat).

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9 Physical and chemical properties:

General Information

Form: Solid
Color: Red
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.

Density: Not determined

Solubility in / Miscibility with

Water: Soluble

pH-value: Not applicable

Solvent content:

Solids content: 100.0 %

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
Dangerous reactions Reacts with acids, alkalis and oxidizing agents
Dangerous products of decomposition: No dangerous decomposition products known.

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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.
Subacute to chronic toxicity: Target organs: respiratory tract, eyes, kidneys, and skin.
Additional toxicological information:
Irritant

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

12 Ecological information:

Ecotoxicological effects:

Other information:
The ecological effects have not been thoroughly investigated, but currently none have been identified.
General notes: Generally not hazardous for water.

13 Disposal considerations

Product:

Recommendation
Smaller quantities can be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261), state and local requirements.
This product is not considered a RCRA hazardous waste.

Uncleaned packaging:

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

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class:

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Transport/Additional Information:
If a dashed line appears in the Hazard Class section for the type of transportation, this indicates the product is not regulated for transportation. However, if a Hazard Class Number is listed the product is regulated.

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)**
9002-18-0 | agar
- **57-50-1 | sucrose**
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**
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)**
57-50-1 | sucrose | A4

- **Product related hazard information:**
The product has been classified and marked in accordance with regulations on hazardous materials.
- **Hazard symbols:**
Xi Irritant
- **Hazard-determining components of labeling:**
sodium chloride
- **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.

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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 cannot guarantee that these are the only hazards that exist.

- Department issuing MSDS: Safety and Environment Department
- Contact: Technical Service Representative

USA