



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.
- NEPA 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 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.

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USA



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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:

PEL 15** mg/m ³	*Total dust **Respirable fraction
REL 10* mg/m ³	*Total dust **Respirable fraction
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
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.

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Printing date 08/02/2004

Reviewed on 07/21/2004

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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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USA



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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 14

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:

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Department Issuing MSDS: Safety and Environment Department

Contact: Technical Service Representative

USA