



Material Safety Data Sheet
acc. to ISO/DIS 11014

Printing date 07/01/2003

Reviewed on 07/01/2003

Product name: Phenol Red Saccharose Broth

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5 Fire fighting measures

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





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· Protection of hands:



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

- Eye protection: Safety glasses
- Body protection: Protective work clothing (lab coat).

9 Physical and chemical properties:

· General Information

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

· pH-value: 7.4 +/- 0.2

· 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 No dangerous reactions known
- Dangerous products of decomposition: Chlorine (Cl)

11 Toxicological information

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

7647-14-5 sodium chloride

Oral LD50 3.000 mg/kg (rat)

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- 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:



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|---|--|
| · SARA Section 313 (specific toxic chemical listings) | |
|---|--|

| | |
|------------------------------------|--|
| None of the ingredients is listed. | |
|------------------------------------|--|

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| · TSCA (Toxic Substances Control Act) | |
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| | |
|---------|---------|
| 57-50-1 | sucrose |
|---------|---------|

| | |
|----------|------------|
| 143-74-8 | phenol red |
|----------|------------|

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|---|--|
| · California Proposition 65 - Chemicals known to cause cancer | |
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|------------------------------------|--|
| None of the ingredients is listed. | |
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| · California Proposition 65 - Chemicals known to cause reproductive toxicity | |
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|------------------------------------|--|
| None of the ingredients is listed. | |
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| · Carcinogenicity categories | |
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| · IARC (International Agency for Research on Cancer) | |
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| None of the ingredients is listed. | |
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| · NTP (National Toxicology Program) | |
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|------------------------------------|--|
| None of the ingredients is listed. | |
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| · TLV (Threshold Limit Value established by ACGIH) | |
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| | | |
|---------|---------|----|
| 57-50-1 | sucrose | A4 |
|---------|---------|----|

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| · MAK (German Maximum Workplace Concentration) | |
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| | |
|------------------------------------|--|
| None of the ingredients is listed. | |
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| · Product related hazard informations: | |
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| The product has been classified and marked in accordance with regulations on hazardous materials. | |
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| · Hazard symbols: | |
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| Xi Irritant | |
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| · Hazard-determining components of labelling: | |
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|-----------------|--|
| sodium chloride | |
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| · Risk phrases: | |
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| 36/37/38 Irritating to eyes, respiratory system and skin. | |
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| · Safety phrases: | |
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| 7 Keep container tightly closed. | |
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| 22 Do not breathe dust. | |
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| 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. | |
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| 36 Wear suitable protective clothing. | |
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| · National regulations | |
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| · Water hazard class: Generally not hazardous for water. | |
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16 Other information:

To the best of our knowledge, the information contained herein is accurate. However, neither BD or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final