

MATERIAL SAFETY DATA SHEET

P
CAROLINA BIOLOGICAL SUPPLY COMPANY

Revised: 16/07/04
Replaces: 09/05/00
Printed: 26/05/06

1. PRODUCT DESCRIPTION

Product Name: Phenol Red
Product Code(s): 87-9850, 87-9852, 87-9854
Size: 1 g, 10 g, 25 g
Chemical Name: Phenol Red
CAS Number: 34487-61-1
Formula: C₁₉H₁₃NaO₅S
Synonyms: Phenol Red Sodium Salt
Distributor: Carolina Biological Supply Company
2700 York Road
Burlington, NC 27215

Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)
Chemtrec (Transportation Spill Response 24 hours): 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Principle Hazardous Components: Phenol Red Sodium Salt (cas#34487-61-1) 100%

TLV and PEL units: None established

3. HAZARD IDENTIFICATION

Emergency Overview: Handling care generally in keeping with safe laboratory practices is recommended.

Potential Health Effects:

Eyes: May cause irritation.

Skin: May cause irritation.

Ingestion: May cause gastrointestinal discomfort.

Inhalation: May cause irritation to respiratory tract.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

Eyes - Flush with water for at least 15 minutes, raising and lowering eyelids occasionally. Get medical attention if irritation persists.

Skin - Thoroughly wash exposed area for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

Ingestion - If swallowed, if conscious, give plenty of water and induce vomiting immediately as directed by medical personnel. Immediately call a physician or poison control center. Never give anything by mouth to an unconscious person.

Inhalation - Remove to fresh air. Give oxygen if breathing is difficult; give artificial respiration if breathing has stopped. Keep person warm, quiet, and get medical attention.

5. FIREFIGHTING PROCEDURES

Flash Point (Method Used): None

NFPA Rating: Health: 0
Fire: 0
Reactivity: 0

Extinguisher Media:

Use dry chemical, CO₂ or appropriate foam.

Flammable Limits in Air % by Volume: N/A

Autoignition Temperature: N/A

Special Firefighting Procedures:

Firefighters should wear full protective equipment and NIOSH approved

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self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

6. SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
Ventilate area of spill. Clean-up personnel should wear proper protective equipment. Avoid creating dust. Sweep or scoop up and containerize for disposal.

7. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling or Storing: Keep container closed. Store at controlled room temperature.
Other Precautions: Do not breath vapor or mist. Do not get in eyes, on skin, or on clothing.

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type):
None needed under normal conditions of use with adequate ventilation. NIOSH approved equipment should be worn if PELs are exceeded.
Ventilation:

Local Exhaust: Yes
Mechanical (General): Yes
Special: No
Other: No

Protective Gloves:
Neoprene, Butyl or PVC
Eye Protection:

Splash proof chemical safety goggles should be worn at all times.
Other Protective Clothing or Equipment:
Lab coat, eye wash, and safety shower.

9. PHYSICAL DATA

Molecular Weight:	376.36
Melting Point:	N/A
Boiling Point:	N/A
Vapor Pressure:	N/A
Vapor Density (Air=1):	N/A
Specific Gravity (H ₂ O=1):	N/A
Percent Volatile by Volume:	N/A
Evaporation Rate (H ₂ O=1):	N/A
Solubility in Water:	Soluble
Appearance and Odor:	Yellow Liquid

10. REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Incompatibility (Materials to Avoid): None
Hazardous Decomposition Products: Small quantities of SO_x, CO_x, Na₂O
Hazardous Polymerization: Will not occur

11. TOXICITY DATA

Toxicity Data: None
Effects of Overexposure:
Acute: See section 3
Chronic: None
Conditions Aggravated by Overexposure: No data available

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Target Organs: No data available
Primary Route(s) of Entry: Inhalation, ingestion

12. ECOLOGICAL DATA

EPA Waste Numbers: None

13. DISPOSAL INFORMATION

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations.
Always contact a permitted waste disposer (TSD) to assure compliance.

14. TRANSPORT INFORMATION

Non-regulated

15. REGULATORY INFORMATION

EPA TSCA Status: On TSCA Inventory
Hazard Category for SARA Section 311/312 Reporting: Acute

Product or Components	SARA EHS Sec. 302 TPQ	SARA Sec. 313 Chemicals Name List	Chemical Category	CERCLA Sec. 103 RQ lbs.	RCRA Sec.
261.33					

Phenol Red	No	No	No	No	No
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16. ADDITIONAL INFORMATION

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

Glossary

- ACGIH.....American Conference of Governmental Industrial Hygienists
- CAS Number..Chemical Abstracts Service Number
- CERCLA.....Comprehensive Environmental Response, Compensation, and Liability Act
- DOT.....U.S. Department of Transportation
- IARC.....International Agency of Research on Cancer
- mppcf.....million particles per cubic foot
- N/A.....Not Available
- NTP.....National Toxicology Program
- OSHA.....Occupational Safety and Health Administration
- PEL.....Permissible Exposure Limit
- ppm.....parts per million
- RCRA.....Resource Conservation and Recovery Act
- SARA.....Superfund Amendments and Reauthorization Act
- TLV.....Threshold Limit Value
- TSCA.....Toxic Substances Control Act