

SAFETY DATA SHEET

PHENOL RED

1. IDENTIFICATION

Product Name: Phenol Red

Synonyms: None known

Recommended Use: Use as directed by manufacturer for purposes directly related to water testing.

Recommended Restrictions: None known

Manufacturer/Importer/Supplier/Distribution Information

Supplier Name: Qualco, Inc.

Supplier Address: 225 Passaic Street, Passaic, NJ 07055

Supplier Phone No.: 973-473-1222

Supplier Fax No.: 973-473-0535

Emergency Phone No.: CHEMTREC 1-800-424-9300

2. HAZARD IDENTIFICATION

Classification:

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Based on available data, the classification criteria are not met.

Label Elements: None required.

Signal Word: CAUTION

Hazard Statement: None identified

Hazard(s) Not Otherwise Classified: None

Supplemental Information: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	Common Name/Synonyms	Cas No.	Percentage
Water	H ₂ O	7732-18-5	98 – 99.9%
Phenol 4,4'-(3H-2-1-benzoxathiol-3-ylidene)bis-,S,S-dioxide, monosodium salt		34487-61-1	0-2%

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses if present and easy to do. Continue rinsing eye and under eyelid. If irritation persists, call a physician or poison control center for treatment advice.

Skin Contact: Remove contaminated clothing and wash before reuse. Rinse skin with plenty of water for at least 15 minutes. If skin irritation persists, get medical attention.

Inhalation: Move person to fresh air.

Ingestion: Do not induce vomiting. Call a physician for treatment advice.

Most important symptoms/effect, acute and delayed: No information available.

Notes to Physician: Treat symptomatically.

5. FIREFIGHTING MEASURES

Unsuitable Extinguishing Media: No information available

Flash Point Method: No information available.

Autoignition Temperature: No Information available

Exposure Limits:

Upper: No data available

Lower: No data available

Sensitivity to Mechanical Impact: No information available

Sensitivity to Static Discharge: No information available

Specific Hazards Arising from the Chemical: Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products: None known

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Listing:

Health	Flammability	Instability	Physical Hazards
1	0	0	N/A

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment.

Methods and Materials for Containment and Cleaning Up: No information available.

Environmental Precautions: See Section 12 for additional ecological information.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Ensure adequate ventilation

Conditions for Safe Storage including any incompatibilities: Keep containers tightly closed when not in use. Store in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment:

Eye/Face Protection: Wear appropriate protective glasses or chemical safety/goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and Body Protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State:	Liquid
Form:	Liquid
Color:	Red
Odor:	Odorless
Odor Threshold:	Not available
pH:	No information available
Melting Point:	0°C
Freezing Point:	Not Available
Boiling Point:	212°F (100°C)
Flash Point:	Not Applicable
Evaporation Rate:	Not Available
Flammability:	Not Applicable
Upper/Lower Flammability or Explosive Limits:	
Flammability Limit, Lower (%):	Not applicable
Flammability Limit, Upper (%):	Not applicable
Explosive Limit, Lower (%):	Not available
Explosive Limit, Upper (%):	Not available
Vapor Pressure:	17.5 mm Hg
Vapor Density:	No information available
Relative Density:	1.0 g/cm ³
Solubility in Water:	No information available
Partition Coefficient:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Other Information	
Explosive Properties:	Not applicable
Oxidizing Properties:	Not applicable
Molecular Formula:	C ₁₉ H ₁₄ NaO ₅ S
Molecular Weight:	376.36

10. STABILITY AND REACTIVITY

Reactivity: None known based on information available

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to Avoid: Incompatible products.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: None under normal use conditions

Hazardous Polymerization: Hazardous polymerization does not occur.

Hazardous Reactions: None under normal processing.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Harmful if swallowed.

Component Information:

Toxicological Synergistic Products: No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation: No information available

Sensitization: No information available

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS No.	IARC	NTP	ACGIH	OSHA	Mexico
Water	7732-18-5	Not listed	Not listed	Not listed	Not listed	Not listed
Phenol Red	34487-61-1	Not listed	Not listed	Not listed	Not listed	Not listed

Mutagenic Effects: No information available

Reproductive Effects: No information available

Developmental Effects: No information available

Teratogenicity: No information available

STOT – single exposure: None known

STOT – repeated exposure: None known

Aspiration Hazard: No information available

Symptoms/effects, both acute and delayed: No information available

Endocrine Disruptor Information: No information available

Other Adverse Effects: The toxicological properties have not been fully investigated

12. ECOLOGICAL INFORMATION

Ecotoxicity: Do not empty into drains

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from the component.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORTATION INFORMATION

DOT: Not regulated

TDG: Not regulated

IATA: Not regulated

IMDG/IMO: Not regulated

15. REGULATORY INFORMATION

US Federal Regulations:

TSCA 12(b): Not Applicable

SARA 313: Not applicable

SARA 311/312 Hazardous Categorization:

Acute Health Hazard: No

Chronic Health Hazard: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

Clean Water Act: No Applicable

Clean Air Act: Not Applicable

OSHA: Occupational Safety and Health Administration – Not applicable

CERCLA : Not applicable

California Proposition 65: This product does not contain any Proposition 65 chemicals

State Right-To-Know: Not applicable

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Water	---	---	X	---	---

U.S. Department of Transportation

Reportable Quantity (RQ): N

DOT Marine Pollutant: N

DOT Severe Marine Pollutant: N

U.S. Department of Homeland Security

This product does not contain any DHS chemicals.

Other International Regulations

Mexico-Grade: No information available

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

WHMIS: Hazard Class – Non-controlled

16. OTHER INFORMATION

NFPA Listing:

Health Hazard: 1

Flammability: 0

Instability: 0

Physical & Chemical Hazards: N/A

HMIS Listing:

Health Hazard: 1

Flammability: 0

Physical Hazards: 0

Personal Precautions: B

Reason for Revision: To comply with new SDS format

Revision Date: July 2015

Disclaimer: The information contained in this SDS is offered for consideration and a guidance for safe handling, use, storage, transportation, disposal, and release of this product and is not considered a warranty of quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.