

Pentair Pool Products
P. O. Box 4127
El Monte, CA 91734

State of California DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

MATERIAL SAFETY DATA SHEET

Rainbow Lifeguard

Trade Name: **Phenol Red pH Indicator Solution**

(This voluntary form is provided by CAL/OSHA to assist MSDS preparers and users. Any format may be used as long as it contains all the required information).

***** I. PRODUCT IDENTIFICATION *****

Trade Name (as labeled): Phenol Red Indicator Solution
Chemical Name, Common Names: Phenolsulfonphthalein

Manufacturer's Name: Pentair Pool Products
Address: 3219 Durfee Ave, El Monte, CA 91731
Emergency Spill/MSDS Phone: 800-451-8346
Business Phone: 626-443-6114

Date Prepared: 6/23/2001
Name of Preparer: John M Lobato, Jr., B.S.

***** II. HAZARDOUS INGREDIENTS *****

Chemical Name	CAS Numbers	Percent*	Exposure Limits in Air	
			ACGIH (TLV)	OSHA (PEL)
Phenolsulfonphthalein	143-74-8	< 0.1	N/A	N/A
Glutaraldehyde	111-30-8	< 0.1	0.2 ppm	0.2 ppm
Sodium Hydroxide	1310-73-2	< 0.1	2 mg/m ³	2 mg/m ³
Potassium Sodium Tartrate	304-59-6	< 0.1	N/A	N/A
Ethylenediaminetetraacetic Acid	60-00-4	< 0.1	N/A	N/A
Sodium Phosphate Dibasic	7558-79-4	< 0.1	N/A	N/A
Sodium Thiosulfate	7772-98-7	< 0.1	N/A	N/A

***** III. PHYSICAL PROPERTIES *****

Vapor Density (air = 1):
Specific Gravity: 1 Boiling Point or range, °F 212
Solubility in Water: Complete
Vapor Pressure, mm Hg at 20°C: 18
Evaporation rate (butyl acetate = 1): N/A
Appearance and odor: Clear red liquid, no odor

N/A Melting Point or range, °F

HOW TO DETECT THIS SUBSTANCE: (Warning properties of substance as a gas, vapor, dust, or mist).
Under normal use conditions this product does not produce a hazardous gas, vapor, dust or mist.

***** IV. FIRE AND EXPLOSION *****

Flash Point, °F (give method): N/A
Autoignition temperature, °F: N/A
Flammable limits in air, volume %: Lower N/A Upper N/A
Fire extinguishing materials: N/A

Water Spray Carbon Dioxide Other

Foam Dry Chemical Dry Chemical

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

***** V. HEALTH HAZARD INFORMATION *****

Inhaled: N/A
Contact with Skin or Eyes: May cause irritation
Absorbed through skin: N/A
Swallowed: It is unlikely that sufficient quantities to produce harmful effects would be swallowed.

HEALTH EFFECTS OR RISKS FROM EXPOSURE. Explain in lay terms. Attach extra page if more space is needed.

Acute: None known
Chronic: No ill effects known

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Flush with water for at least 15 minutes. Call physician.
Skin Contact: Wash with soap and water
Inhaled: N/A
Swallowed: Call Physician

SUSPECTED CANCER AGENT?

No: This product's ingredients are not found in the lists below.
 Yes: Federal OSHA NTP IARC CAL/OSHA (see note).*

Note: California employers using CAL/OSHA-regulated carcinogens must register with CAL/ OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known
RECOMMENDATIONS TO PHYSICIAN*: N/A

***** VI. REACTIVITY DATA *****

Stability: Stable Unstable
Conditions to Avoid: N/A

Incompatibility (materials to avoid): N/A

Hazardous Decomposition Products (including combustion products): N/A

Hazardous Polymerization: May occur Will not occur

Conditions to Avoid: N/A

***** VII. SPILL, LEAK AND DISPOSAL PROCEDURES *****

Spill response procedures (include employee protection measures): Flush with water. Avoid skin contact.

Preparing wastes for disposal (container types, neutralization, etc.): N/A

Note: Dispose of all wastes in accordance with federal, state and local regulations.

***** VIII. SPECIAL HANDLING INFORMATION *****

Ventilation and engineering controls: General dilution ventilation is generally adequate.

Respiratory protection: Usually not required under normal use of this product.

Eye protection (type): Safety goggles

Gloves (specify material): Rubber gloves

Other clothing and equipment: Apron or lab coat

Work Practices, hygienic practices: Use normal hygienic practices avoid skin contact.

Other Handling and Storage Requirements: Store in sealed containers

Protective measures during maintenance of contaminated equipment: N/A

***** IX. LABELING *****

Labeling (precautionary statements)*: N/A

D.O.T. Label*: N/A

Phenol Red HMIS RATINGS:

Health=1 Flammability=0 Reactivity=0 Personal Protection=C

HMIS CODES: 0 = Minimal Hazard 1 = Slight Hazard

2 = Moderate Hazard 3 = Serious Hazard

4 = Severe Hazard

Personnal Protection C = Safety glasses or goggles, glooves & lab coat or apron

Disclaimer of Express and Implied Warranties:

The foregoing data has been compiled from sources that the company, in good faith, believes to be dependable and accurate while being reliable to our best knowledge and belief. Unfortunately, the company cannot, and will not, make warranties or responsibilities regarding the accuracy or completeness of the data, and assumes no liability for damages relating thereto or for advising the reader regarding the protection of employees or others. Users should consider making their own responsible tests to determine the application of this data regarding its suitable specific use.