

Pentair Pool Products
P.O. Box 4127
El Monte, CA 91731

State of California DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
Rainbow Lifeguard

MATERIAL SAFETY DATA SHEETTrade Name: **Solution pH #2**

***** PRODUCT IDENTIFICATION *****

Trade Name (as labeled): **Solution pH #2 (was Solution B)**Chemical Name, Common Names: **phenolsulfophthalein indicator, Phenol Red**

Manufacturer's Name: Pentair Pool Products

Address: 12202 Garvey Avenue

El Monte, CA 91732

Emergency Spill/MSDS Phone: (818)451-8346

Business Phone: 626-443-6114

Date Prepared: 03/31/06

Name of Preparer: John M. Lobato, Jr., B.Sc.

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

Chemical Names	CAS Numbers	Percent*	Exposure Limits in Air	
			ACGIH (TLV)	OSHA (PEL)
Phenolsulfophthalein	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

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

Vapor Density (air = 1): N/A Melting Point or range, °F N/A

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

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.

No odor; visual spectrum: violet at pH= 8.3; red at pH = 7.8, & yellow at pH= 6.8

***** 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

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 glasses or 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

Hazardous Material Identification System (HMIS)

Solution pH#2 HMIS Rating: Health=1 Flammability=0 Reactivity=0 Personal Protection=B

HMIS Rating Key:

0 = Minimal Hazard	1 = Slight Hazard
2 = Moderate Hazard	3 = Serious Hazard
4 = Severe Hazard	

Personal Protection B = Safety glasses and gloves

Disclaimer of Express and Implied Warranties:

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