

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 SHEET**

Trade Name: Solution pH #2

## \*\*\*\*\* PRODUCT IDENTIFICATION \*\*\*\*\*

Trade Name (as labeled): Solution pH #2 (was Solution B)

Chemical Name, Common Names: phenolsulfonphthalein indicator, Phenol Red

Manufacturer's Name: Pentair Pool Products

Address: 12202 Garvey Avenue

El Monte, CA 91732

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

Date Prepared: 03/31/06

Business Phone: 626-443-6114

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

## \*\*\*\*\* II. HAZARDOUS INGREDIENTS \*\*\*\*\*

<u>Chemical Names</u>	<u>CAS Numbers</u>	<u>Percent*</u>	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 <sup>3</sup>	2 mg/m <sup>3</sup>
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, &gt;0°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.

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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

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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.

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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)<sup>\*</sup>: N/A  
D.O.T. Label<sup>\*</sup>: 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:

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.