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

State of California

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

Rainbow Lifegard

MATERIAL SAFETY DATA SHEET

Trade Name: Solution pH #2

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: 06/15/01

Business Phone: 626-443-6114 Name of Preparer: John M. Lobato, Jr., B.Sc.

Chemical Names	CAS Numbers	Percent*	Exposure Limits in Air ACGIH (TLV) OSHA (PEL)	
Phenolsufonphthalein	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 Tartrat	te 304-59-6	< 0.1	N/A	N/A
Ethylenediaminetetraacetic Acid	c 60-00-4	< 0.1	N/A	N/A
11414		V.1	1411	1011
Sodium Phosphate Dibasio	c 7558-79-4	< 0.1	N/A	N/A

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

Specific Gravity: 1 Boiling Point or range, >0F 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 No odor; turns violet pH= 8.3; red pH = 7.8, & yellow pH= 6.8Flash Point, OF (give method): N/A Autoignition temperature, oF: 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 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

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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.

SUSPECTED CANCER AGENT?
X 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
RECOMMEDATIONS TO PHYSICIAN*: N/A

Stability: X 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 X Will not occur Conditions to Avoid: N/A

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.

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

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SolutionpH #2(WasSolutionB)

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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:

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.