

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: **Solution #5**

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

Trade Name (as labeled): **Solution #5**, Solution D  
Chemical Name, Common Names: N/A  
Manufacturer's Name: Pentair Pool Products  
Address: 12202 East Garvey Avenue, El Monte, CA 91731  
Emergency Spill/MSDS Phone: (800) 451-8346  
Business Phone: 626-443-6114  
Date Prepared: 01/26/05  
Name of Preparer: John Lobato, Jr., B.Sc.

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

Chemical Name	CAS Numbers	Percent*	Exposure Limits in Air	
			ACGIH (TLV)	OSHA (PEL)
Bromocresol Green	76-60-8	< 1	N/A	N/A
Sodium Hydroxide	1310-73-2	< 0.1	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Acetic Acid	64-19-7	< 0.1	10 ppm	10 ppm
Glutaraldehyde	111-30-8	< 0.1	0.2 ppm	0.2 ppm

\*\*\*\*\* 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: Dark Green odorless liquid

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

\*\*\*\*\*

\*\*\*\*\* V. 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

\*\*\*\*\* VI. HEALTH HAZARD INFORMATION \*\*\*\*\*

Inhaled: N/A  
Contact with Skin or Eyes: May cause irritation  
Absorbed through skin: N/A  
Swallowed: Unlikely that sufficient quantity to cause physical harm can be swallowed.

\*\*\*\*\*

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

Acute: No known effects  
Chronic: No known effects

\*\*\*\*\*

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Flush with water for at least 15 minutes.  
Skin Contact: Wash with abrasive 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.

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

Hazardous Material Identification System (HMIS)

**Solution #5            Health=1   Flammability=0   Reactivity=0   Personal Protection=C**

HMIS Ratings Key:

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

Personal Protection C = gloves, glasses, apron or lab coat

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.