

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 #3**

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

Trade Name (as labeled): Solution #3, (was Solution C)
Chemical Name, Common Names: Hydrochloric Acid Solution
Manufacturer's Name: Pentair Pool Products
Address: 12202 East Garvey Avenue, El Monte, CA 91732
Emergency Spill/MSDS Phone: 800-451-8346 Business Phone: 626-443-6114
Date Prepared: 01/19/06 Name of Preparer: John M. Lobato, Jr., B. Sc.

***** I. HAZARDOUS INGREDIENTS *****

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Percent</u> *	<u>Exposure Limits in Air</u>	
			<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>
Hydrochloric Acid	7647-01-0	< 0.1	5 ppm	5 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: Clear colorless 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, 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 %: N/A 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: Will cause irritation
Absorbed through skin: N/A
Swallowed: Irritation of mouth, throat and intestinal tract.

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

Acute: Corrosive damage to eyes and skin upon contact.
Chronic: Repeated skin contact may result in dermatitis.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Flush with water for at least 15 minutes. Call physician.
Skin Contact: Flush with water
Inhaled: N/A
Swallowed: Dilute by drinking water. 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: Heating will result in liberation of toxic hydrogen chloride fumes.

Incompatibility (materials to avoid): N/A

Hazardous Decomposition Products (including combustion products): Heating will liberate toxic hydrogen chloride fumes.

Hazardous Polymerization: May occur Will not occur
Conditions to Avoid: N/A

