

Identity (As used on Label and List)	<b>Zeta Buffer Solution Phosphoric Acid Cat. No. 05650-SP</b>																
<b>Section I</b>																	
<b>Manufacturer's Name</b>	<b>Emergency Telephone Number</b>																
MicroSolv Technology Corporation	732-578-1777																
<b>Address</b>	<b>Phone Number for Information</b>																
1 Industrial Way West, Building E, Unit D Eatontown, NJ 07724	732-578-1777																
	<b>Date Prepared: 6/25/02</b>																
<b>Section II - Hazardous Ingredients/Identity Information</b>																	
<b>Hazardous Components (Specific Chemical Identity: Common Name(s))</b>	<table border="0"> <tr> <td>OHSA PEL</td> <td> </td> <td>ACGIH</td> <td> </td> <td>Other Limits</td> <td> </td> <td>%</td> </tr> <tr> <td></td> <td> </td> <td>TLV</td> <td> </td> <td>Recommended</td> <td> </td> <td>Optional</td> </tr> </table>			OHSA PEL		ACGIH		Other Limits		%			TLV		Recommended		Optional
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		TLV		Recommended		Optional											
Phosphoric Acid [7664-38-2]	1mg/m3 TWA																
Water [7732-18-5]	None Listed																
<b>Section III - Physical/Chemical Characteristics</b>																	
<b>Boiling Point:</b> NA	<b>Specific Gravity (H2O = 1):</b> N/A																
<b>Vapor Pressure (mm Hg):</b> N/A	<b>Freezing Point:</b> 37C																
<b>Vapor Density (Air = 1):</b> N/A	<b>Evaporation Rate (Butyl Acetate - 1):</b> N/A																
<b>Solubility in Water:</b> Soluble																	
<b>Appearance and Odor:</b> Clear Transparent w/ Slight Amoniacal Odor.																	
<b>Section IV - Fire and Explosion Data</b>																	
<b>Flash Point (Method Used):</b> N/A	<b>Flammable Limits</b> LEL:N/A UEL:N/A																
<b>Extinguishing Media:</b> Water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam.																	
<b>Special Fire Fighting Procedures:</b> Wear self contained breathing apparatus and protective clothing.																	
<b>Unusual Fire and Explosion Hazards:</b> None obvious.																	
<b>Section V - Reactivity Data</b>																	
<b>Stability:</b> Unstable <b>Stable:</b> Yes	<b>Conditions to Avoid:</b> Incompatible Materials, metals, excess heat.																
<b>Incompatibility (Materials to Avoid):</b> Bases, Ammonia, organic peroxides, caustics, cyandies, fluorides, organic sulfides, nitromethane, sulfites, mineral acids, aldehydes, chlorides, nickel carbonate. For full list contact MicroSolv.																	
<b>Hazardous Decomposition or Byproducts:</b> Phosphine, oxides of phosphorous, irritating and toxic fumes and gases.																	
<b>Hazardous Polymerization</b> <b>May Occur</b>		<b>Will Not Occur:</b> Yes															

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Zeta Buffer Solution Phosphoric Acid  
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### Section VI - Health Hazard Data

Route of Entry: Inhalation?Yes Skin?Yes Ingestion?Yes

Health Hazards (Acute and Chronic): Skin, Eye, Mucous membran irritant.

Carcinogenicity: NTP?No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: N/A

Medical Conditions Generally Aggravated by Exposure:N/A

Emergency and First Aid Procedures:Contact - Flush  
with water Ingestion - Seek medical Advice.

### Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case of Material is Released or Spilled: Wear suitable protective clothing. Ventilate the area of spill. Wipe up with suitable adsorbent. Collect material in a safe manner and hold for waste disposal. Then wash spill site

Waste Disposal Method: Observe all Federal, State and local environmental regulations.

Precautions to be Taken in Handling and Storing: Handling, Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with clothing. Do not get on skin or in eyes. Do not ingest or inhale.

Other Precautions: Keep container tightly closed, store in a well-ventilated place. Protect containers from damage. Always read and follow directions.

### Section VII - Control Measures

Respiratory Protection (Specify Type): NIOSH approved dust/mist respirator. Self contained breathing apparatus for fires and spills.

Ventilation:

Local Exhaust:When necessary. Special N/A

Mechanical (General):N/A Other:

Protective Gloves: Impervious, chemical resistant gloves.

Eye Protection: Safety glasses with side shields or chemical safety goggles.

Other Protective Clothing or Equipment: Safety shower, eyewash and respiratory equipment. Safety pipet device. Suitable protective clothing.

Work/Hygienic Practices: N/A

Disclaimer: The information, data and recommendations contained herein are based upon information believed by MicroSolv Technology Corporation to be accurate. However, MicroSolv Technology Corporation neither warrants the accuracy of this information nor