

Identity (As used on Label and List)	Zeta Buffer Solution Sodium Phosphate Sodium Tetraborate Cat. No. 05025-SPB										
Section I											
Manufacturer's Name	Emergency Telephone Number										
MicroSolv Technology Corporation	732-578-1777										
Address	Phone Number for Information										
1 Industrial Way West, Building E, Unit D Eatontown, NJ 07724	732-578-1777										
	Date Prepared: 01/10/03										
Section II - Hazardous Ingredients/Identity Information											
Hazardous Components (Specific Chemical Identity: Common Name(s))	<table border="0"> <tr> <td>OSHA PEL</td> <td>ACGIH</td> <td>Other Limits</td> <td>%</td> </tr> <tr> <td> TLV</td> <td> Recommended</td> <td> </td> <td>Optional</td> </tr> </table>			OSHA PEL	ACGIH	Other Limits	%	TLV	Recommended		Optional
OSHA PEL	ACGIH	Other Limits	%								
TLV	Recommended		Optional								
Sodium Phosphate [7558-80-7]	1mg/m3 TWA										
Sodium Borate [1303-96-4]	5mg/m3 TWA										
Water [7732-18-5]	None Listed										
Section III - Physical/Chemical Characteristics											
Boiling Point: NA	Specific Gravity (H2O = 1): N/A										
Vapor Pressure (mm Hg): N/A	Freezing Point: 37C										
Vapor Density (Air = 1): N/A	Evaporation Rate (Butyl Acetate - 1): N/A										
Solubility in Water: Soluble											
Appearance and Odor: Clear Transparent w/ Slight Amoniacal Odor.											
Section IV - Fire and Explosion Data											
Flash Point (Method Used): N/A	Flammable Limits LEL:N/A UEL:N/A										
Extinguishing Media: Water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam.											
Special Fire Fighting Procedures: Wear self contained breathing apparatus and protective clothing.											
Unusual Fire and Explosion Hazards: None obvious.											
Section V - Reactivity Data											
Stability: Stable: Yes	Conditions to Avoid: Incompatible Materials, metals, excess heat.										
Incompatibility (Materials to Avoid): Bases, Ammonia, organic peroxides, caustics, cyandies, fluorides, organic sulfides, nitromethane, sulfites, mineral acids, aldehydes, chlorides, nickel carbonate. For full list contact MicroSolv.											
Hazardous Decomposition or Byproducts: Phosphine, oxides of phosphorous, irritating and toxic fumes and gases.											
Hazardous Polymerization May Occur		Will Not Occur: Yes									

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Tetraborate Cat. No. 05025-SPB

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 spil 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 appratus 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