

Identity (As used on Label and List) Resolution Test Mixture		Cat. No. PQARTM01	
Section I			
Supplier's Name		Emergency Telephone Number	
MicroSolv Technology Corporation		732-578-1777	
Address		Phone Number for Information	
1 Industrial Way West Eatontown, NJ 07724		732-578-1777	
		Date Prepared: 5/3/05	
Solutions Prepared by: Chemical Solutions, Inc. 3392 State Highway 8, New South Berlin, NY 13843 Tel. 607-859-2706			
Section II - Hazardous Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity: Common Name(s))		OSHA PEL ACGIH Other Limits % TLV Recommended Optional	
Uracil [66-22-8]		None listed	
Theophylline [58-55-9]			
Caffeine [58-08-2]			
8-Chloro-Theophylline [85-18-7]			
Acetonitrile [75-05-8]			
Acetic Acid [64-19-7]			
Water, HPLC Grade [7732-18-5]			
Section III - Physical/Chemical Characteristics			
Boiling Point: 110-155 C			
Solubility in Water: Soluble			
Appearance and Odor: Clear Transparent Liquid			
Section IV - Fire and Explosion Data			
Flash Point: 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: Hygroscopic	
Incompatibility (Materials to Avoid): Mixture w/Sulfuric Acid, Strong Oxidizing agents.			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization May Occur Not Occur:Yes		Will Conditions to Avoid:Hygroscopic	

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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 spil site with water.		
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	
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