

MATERIAL SAFETY DATA SHEET

Section I – Product Information			
Product Name or Identity:	Phenylethanol Agar		
Manufacturer's Name:	Acumedia Manufacturers, Inc.	Emergency Phone No.:	410/780-5120
	9601 Pulaski Park Drive	Fax No.:	410/780-5470
	Baltimore, Maryland 21220	e-mail:	www.neogen.com
Date Prepared or Revised: 12/11/00			

Section II – Hazardous Ingredients / Identity Information			
Hazardous Components (Specific Chemical Identity: Common Names)	OSHA PEL (Permissible Exposure Limits)	ACGIH TLV (Threshold Limit Value)	Toxicity Data LD ₅₀
Sodium Chloride, NaCl, Common salt	N/A	N/A	ORL-RAT 3 g/kg
Phenylethanol	N/A	N/A	ORL-RAT 1790 mg/kg

Section III – Physical Characteristics	
Boiling Point: 1413°C (Sodium Chloride) 218.2°C (Phenylethanol)	Specific Gravity (H ₂ O = 1): 2.16 g/cm ³ (Sodium Chloride)
Vapor Pressure (mm Hg.): 865°C (Sodium Chloride)	Melting Point: 804°C (Sodium Chloride) -27°C (Phenylethanol)
Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: 35.7 g/100g at 0°C (Sodium Chloride)	
Appearance and Odor: Colorless crystals or white powder. Characteristic odor. (Sodium Chloride) Colorless liquid. Rose flower smell. (Phenylethanol)	

Section IV – Fire and Explosion Hazard Data	
Flash Point (<i>Method Used</i>): Not applicable	Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A
Extinguishing Media: Suitable extinguishing agents. CO ₂ , extinguishing powder or water spray.	
Special Fire Fighting Procedures: Fight larger fires with water or alcohol resistant foam. Firefighters should wear protective equipment and self-contained breathing apparatus.	
Unusual Fire and Explosion Hazards: During heating or in case of fire, poisonous gases are produced.	

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: No decomposition if used according to specifications.
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): Incompatible with strong oxidizers.			
Hazardous Decomposition or Byproducts: Chlorine (Cl), Carbon dioxide (CO ₂), Carbon monoxide (CO).			
Hazardous Polymerization	May Occur		Conditions to Avoid: No dangerous reactions known.
	Will Not Occur	X	

Section VI – Health Hazard Data			
Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic)	Harmful. Irritating to eyes, respiratory system and skin. May cause harm to unborn child.		
Carcinogenicity:	NTP? No (National Toxicology Program)	IARC Monographs? No (International Agency for Research in Cancer)	OSHA Regulated? No
Signs and Symptoms of Exposure: Irritant to skin and mucous membranes. Irritating effect to eye.			
Medical Conditions Generally Aggravated by Exposure: No sensitizing effects known. Phenylethanol is suspected to cause birth defects.			
Emergency / First Aid Procedures	Ingestion: If swallowed, seek medical attention immediately. Show physician product label.		
	Inhalation: In case of unconsciousness, place patient on side position for transportation. Supply fresh air or oxygen. Seek medical attention if any symptoms exist.		
	Eye Contact: Rinse opened eye for at least 15 minutes under running water. Seek medical attention.		
	Skin Contact: Wash with plenty of soap and water immediately. Rinse for at least 15 minutes.		

Section VII – Precautions for Safe Handling and Use
Accidental Release Measures: Wear suitable protective clothing. Flush spill area with water, wipe up with damp sponge or mop.
Waste Disposal Method: Dispose in accordance with all applicable federal, state and local environmental regulations.
Handling and Storing: Keep container tightly closed. Protect from moisture. Suitable for any general chemical storage area. Store away from oxidizing agents.
Other Precautions: Prevent formation of dust. Ensure good ventilation / exhaustion at the workplace.

Section VIII – Control Measures		
Respiratory Protection (Specify Type): None required where adequate ventilation conditions exist. If airborne concentration is high, use an appropriate respirator or dust mask.		
Ventilation	Local Exhaust: 50 – 100 CFM	Special
	Mechanical (General): N/A	Other
Protective Gloves: Proper disposable gloves	Eye Protection: Safety goggles	
Other Protective Clothing or Equipment: Uniform, lab coat or disposable lab wear.		
Work / Hygienic Practices: Follow the usual precautionary measures for handling chemicals / powder. Keep away from food and beverages. Immediately remove all soiled and contaminated clothing. Avoid contact with eyes and skin.		

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