

# MATERIAL SAFETY DATA SHEET

Section I – Product Information			
Product Name or Identity:	Brilliant Green Agar w/ Sulfapyridine		
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:	<a href="http://www.neogen.com">www.neogen.com</a>
Date Prepared or Revised: 12/30/00			

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 <sub>50</sub>
Sucrose / Saccharose	N/A	10 mg/m <sup>3</sup>	ORL-RAT 2900 mg/kg
Sulfapyridine, Piridazol	N/A	N/A	ORL-RAT 15800 mg/kg

Section III – Physical Characteristics	
Boiling Point: N/A	Specific Gravity (H <sub>2</sub> O = 1): N/A
Vapor Pressure (mm Hg.): N/A	Melting Point: 160 - 180°C (Sucrose), 190-193°C (Sulfapyridine)
Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: Substantial	
Appearance and Odor: White crystals or powder. Characteristic odor. (Sucrose)	

Section IV – Fire and Explosion Hazard Data	
Flash Point ( <i>Method Used</i> ): Not applicable	Flammable Limits: LEL (Lower Explosive Limits) - N/A UEL (Upper Explosive Limits) - N/A
Extinguishing Media: Suitable extinguishing agents. CO <sub>2</sub> , 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 oxidizing agents. Hydrolyzed by dilute acids and by invertase.			
Hazardous Decomposition or Byproducts: No dangerous decomposition products known.			
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)	Inhalation of powder may cause respiratory irritation.	
Carcinogenicity:	NTP? No (National Toxicology Program)	IARC Monographs? No (International Agency for Research in Cancer)
OSHA Regulated? No		
Signs and Symptoms of Exposure: No effects of overexposure were documented.		
Medical Conditions Generally Aggravated by Exposure: Irritant to skin, eyes and mucous membranes. Individuals with known suspected allergies to antibiotics should advise physician of incident that may have resulted in exposure to antibiotic treated product.		
Emergency / First Aid Procedures	Ingestion: If swallowed, seek medical attention immediately.	
	Inhalation: In case of unconsciousness place patient on side position for transportation. Supply fresh air or oxygen; seek medical attention immediately.	
	Eye Contact: Rinse opened eye for at least 15 minutes under running water. Seek medical attention.	
	Skin Contact: Immediately wash with plenty of soap and water for at least 15 minutes.	

<b>Section VII – Precautions for Safe Handling and Use</b>	
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: No special requirements necessary. Keep container tightly closed. Suitable for any general chemical storage area. Store away from oxidizing agents.	
Other Precautions: Ensure good ventilation / exhaustion at the workplace. Remove contaminated clothing immediately.	

<b>Section VIII – Control Measures</b>		
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. Remove all contaminated clothing immediately.		

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