



## MATERIAL SAFETY DATA SHEET

Section I – Product Information			
<b>Product Name or Identity:</b>	m-LGA (Membrane Lactose Glucuronide Agar)		
<b>Manufacturer's Name:</b>	Acumedia Manufacturers, Inc.	<b>Emergency Phone No.:</b>	517/372-9200
	740 East Shiawassee	<b>Fax No.:</b>	517/372-2006
	Lansing, Michigan 48912	<b>e-mail:</b>	foodsafety@neogen.com
<b>Date Prepared or Revised:</b> 03/01/07			

Section II – Hazardous Ingredients / Identity Information			
<b>Hazardous Components:</b> (Specific Chemical Identity: Common Names)	<b>OSHA PEL</b> (Permissible Exposure Limits)	<b>ACGIH TLV</b> (Threshold Limit Value)	<b>Toxicity Data LD<sub>50</sub></b>
Sodium Lauryl Sulfate	N/A	N/A	ORL-RAT, 1288 mg/kg

Section III – Physical Characteristics	
<b>Boiling Point:</b> N/A	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 0.37 g/cm <sup>3</sup> (Sodium Lauryl Sulfate)
<b>Vapor Pressure (mm Hg.):</b> N/A	<b>Melting Point:</b> 204 °C (Sodium Lauryl Sulfate)
<b>Vapor Density (AIR = 1):</b> N/A	<b>Evaporation Rate (Butyl Acetate = 1):</b> N/A
<b>Solubility in Water:</b> Soluble (Sodium Lauryl Sulfate)	
<b>Appearance and Odor:</b> Solid, white powder (Sodium Lauryl Sulfate)	

Section IV – Fire and Explosion Hazard Data	
<b>Flash Point (Method Used):</b> Not applicable	<b>Flammable Limits:</b> LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A
<b>Extinguishing Media:</b> Suitable extinguishing agents. CO <sub>2</sub> , extinguishing powder, or water spray.	
<b>Special Fire Fighting Procedures:</b> Fight larger fires with water or alcohol resistant foam. Firefighters should wear protective equipment and self-contained breathing apparatus. As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.	
<b>Unusual Fire and Explosion Hazards:</b> During heating or in case of fire, poisonous gases are produced. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.	

Section V – Reactivity Data			
<b>Stability:</b>	Unstable		Conditions to Avoid: Stable under ordinary conditions of use and storage.
	Stable	X	
<b>Incompatibility (Materials to Avoid):</b> Reacts with oxidizing agents.			
<b>Hazardous Decomposition or Byproducts:</b> May emit Sulfur oxides, Carbon dioxide, and Carbon monoxide.			
<b>Hazardous Polymerization:</b>	May Occur		Conditions to Avoid: Moisture and incompatible materials.
	Will Not Occur	X	

Section VI – Health Hazard Data			
<b>Route(s) of Entry:</b>	Inhalation? Yes	Skin? Yes	Ingestion? Yes
<b>Health Hazards:</b> (Acute and Chronic)	Harmful. Harmful in contact with skin and if swallowed. Irritating to eyes, respiratory system, and skin.		
<b>Carcinogenicity:</b>	NTP? No (National Toxicology Program)	IARC Monographs? No (International Agency for Research in Cancer)	OSHA Regulated? No
<b>Signs and Symptoms of Exposure:</b> May cause skin irritation, and may be harmful if absorbed through the skin. Possible eye irritation. May be harmful if inhaled, causing irritation to the mucous membranes and upper respiratory tract.			
<b>Medical Conditions Generally Aggravated by Exposure:</b> Causes irritation to skin, symptoms include redness, itching, and pain. Eye contact can result in irritation, redness, and pain. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. Sodium Lauryl Sulfate has been reported to cause pulmonary sensitization, resulting in hyperactive airway dysfunction and pulmonary allergy accompanied by fatigue, malaise, and aching. Symptoms can be activated by a variety of nonspecific environmental stimuli. Chronic exposure of laboratory experiments have shown teratogenic effects.			
<b>Emergency / First Aid Procedures:</b>	Ingestion: If swallowed, wash out mouth with water provided person is conscious. Seek medical attention.		
	Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.		
	Eye Contact: Rinse opened eye for at least 15 minutes under running water, lifting upper and lower eyelids occasionally. Seek medical attention.		
	Skin Contact: Wash with plenty of soap and water for 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Seek medical attention.		

Section VII – Precautions for Safe Handling and Use	
<b>Accidental Release Measures:</b> Ventilate spill area. Avoid raising dust. Vacuuming or wet sweeping may be used to avoid dust dispersal. Wear suitable protective clothing. Wipe up with damp sponge or mop. Avoid contact with skin, eyes, and clothing. Material causes sneezing, do not inhale.	
<b>Waste Disposal Method:</b> Dispose in accordance with all applicable federal, state, and local environmental regulations.	
<b>Handling and Storing:</b> Keep container tightly closed and store in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues.	
<b>Other Precautions:</b> Prevent formation of dust. Ensure good ventilation / exhaustion at the workplace. Avoid prolonged or repeated exposure.	

Section VIII – Control Measures		
<b>Respiratory Protection</b> (Specify Type): None required where adequate ventilation conditions exist. If airborne concentration is high, use an appropriate respirator or dust mask.		
<b>Ventilation:</b>	Local Exhaust: 50 – 100 CFM	Special: N/A
	Mechanical (General): N/A	Other: N/A
<b>Protective Gloves:</b> Proper disposable gloves	Eye Protection: Chemical resistant safety goggles	
<b>Other Protective Clothing or Equipment:</b> Uniform, lab coat, or disposable lab wear.		
<b>Work / Hygienic Practices:</b> 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, skin, and clothing.		

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