



## MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
<b>Product Name or Identity:</b>	<b>Brucella Broth</b>		
<b>Manufacturer's Name:</b>	Acumedia Manufacturers, Inc.	<b>Emergency Phone No.:</b>	517/372-9200
	740 East Shiawassee	<b>Fax No.:</b>	517/372-0108
	Lansing, Michigan 48912	<b>e-mail:</b>	foodsafety@neogen.com
<b>Date Prepared or Revised:</b>	February 2011	<b>Chemtrec:</b>	<b>(800) 424-9300</b>
		<b>Outside US and Canada:</b>	<b>(703) 527-3887</b>

Section 2. Composition / Information on Hazardous Ingredients			
<b>This product is a mixture of the substances listed below with the addition of nonhazardous materials.</b>			
<b>Hazardous Components</b>	<b>CAS-No.</b>	<b>%</b>	<b>Hazard Symbol</b>
Specific Chemical Identity:			
Sodium Chloride	7647-14-5	17.8%	Xi (Irritant)

Section 3. Health Hazard Identification	
<b>Health Hazards:</b> (Acute and Chronic)	<b>Information pertaining to particular dangers for man and environment.</b> R 36 /37/38 Irritating to eyes, respiratory system, and skin.

Section 4. First Aid Measures	
<b>Emergency / First Aid Procedures:</b>	<b>General Information:</b> No special measures required.
	<b>Ingestion:</b> If swallowed, seek medical attention. Show physician product label or MSDS.
	<b>Inhalation:</b> If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult.
	<b>Eye Contact:</b> Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention.
	<b>Skin Contact:</b> Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Seek medical attention if irritation develops. Wash clothing before reuse.

Section 5. Fire and Explosion Hazard Data	
<b>Flash Point</b> (Method Used): N/A	<b>Flammable Limits:</b> LEL – N/A, UEL – N/A
<b>Extinguishing Media:</b> Use CO <sub>2</sub> , ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.	
<b>Protective Equipment:</b> No special measures required.	
<b>Unusual Fire and Explosion Hazards:</b> N/A	

Section 6. Accidental Release Measures	
<b>Personal Precautions:</b> Not required.	
<b>Environmental Precautions:</b> Wipe up with damp sponge or mop.	
<b>Clean-up Methods:</b> Contact safety officer if questions arise and ventilate area.	



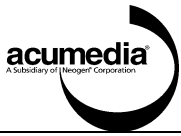
<b>Section 7. Handling and Storage</b>	
<b>Handling:</b> Prevent formation of dust. Ensure good ventilation / exhaust.	
<b>Storage:</b> Requirements to be met by storerooms and receptacles: < 30°C. Do not store together with oxidizing agents. Store away from reducing agents. Store in cool, dry conditions in well sealed containers.	
<b>Other Precautions:</b> N/A	

<b>Section 8. Exposure Controls / Personal Protection</b>		
<b>Components with limit values that require monitoring:</b> This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.		
<b>OSHA-PEL:</b> N/A	<b>REL:</b> N/A	<b>TLV:</b> N/A
<b>Additional Information:</b> Personal Protection listed below are general requirements for laboratory personnel. Follow the usual precautionary measures for handling chemicals / powder. Avoid contact with eyes, skin, and clothing.		
<b>Personal Protective Equipment:</b> Keep away from food, beverages, and feed. Wash hands before and after entering laboratory.		
<b>Breathing Equipment:</b> In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respiratory.		
<b>Hand Protection:</b> Use chemical resistant gloves.		
<b>Eye Protection:</b> Wear safety glasses.		
<b>Body Protection:</b> Wear lab coat or other protective work clothing.		

<b>Section 9. Physical and Chemical Properties</b>	
<b>Appearance and Odor:</b> Homogenous, free-flowing powder, and light to medium beige.	
<b>Boiling Point:</b> Not determined	<b>Density:</b> Not determined
<b>Flash Point:</b> Not applicable	<b>Melting Point:</b> Not determined
<b>Auto Igniting:</b> Product is not self-igniting	<b>Solubility in Water:</b> Soluble
<b>Danger of explosion:</b> Product does not present an explosion hazard.	<b>pH:</b> 7.0 ± 0.2 @ 25°C
<b>Solvent Content:</b> N/A	<b>Solids Content:</b> 100.0%

<b>Section 10. Stability and Reactivity</b>			
<b>Stability:</b>	Unstable		Conditions to Avoid: Stable under recommended storage conditions.
	Stable	X	
<b>Incompatibility (Materials to Avoid):</b> Incompatible with strong oxidizing agents, mineral acids, and reducers.			
<b>Hazardous Decomposition or Byproducts:</b> Chlorine (Cl).			
<b>Hazardous Polymerization:</b>	May Occur		No dangerous reactions known.
	Will Not Occur	X	

<b>Section 11. Toxicological Information</b>	
<b>Acute Toxicity:</b> Not Applicable	
<b>Carcinogenicity Classification:</b> N/A	
<b>IARC (International Agency for Research on Cancer):</b> N/A	
<b>NTP (National Toxicology Program):</b> N/A	



**Irritant:** Irritant to skin and mucous membranes. Irritating effect on the eyes.  
**Sensitization:** No sensitizing effects known.  
**Subacute to chronic toxicity:** Target organs, respiratory tract, eyes, kidneys, and skin.  
**Additional toxicological information:** Irritant.

### Section 12. Ecological Information

**Ecotoxicity Tests:** The ecological effects have not been thoroughly investigated, but currently none have been identified.

### Section 13. Disposal Considerations

**Waste Disposal Method:** Smaller quantities can be disposed of with solid waste. Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations.  
This product is not considered a RCRA hazardous waste.  
Contact a licensed professional waste disposal service to dispose of this material if questions arise.

**Container Information:** Do not remove labels from containers until they have been cleaned.

### Section 14. Transport Information

**DOT Regulations:**  
Not Regulated for Transport

**Land Transport ADR/RID (cross-border):**  
Not Regulated for Transport

**Maritime Transport IMDG:**  
Not Regulated for Transport

**Air Transport ICAO-TI and IATA-DGR:**  
Not Regulated for Transport

### Section 15. Regulatory Information

**EU Regulations, Hazard Symbol(s):**  
**Sodium Chloride: Xi (Irritant)**

**Risk Phrases:** R 36 /37/38 Irritating to eyes, respiratory system, and skin.

**Safety Phrases:**  
S 26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 36, Wear suitable protective clothing.

### Section 16. Other Information

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Acumedia Manufacturers, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.