



MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information

Product Name or Identity:	Columbia Agar		
Manufacturer's Name:	Acumedia Manufacturers, Inc.	Emergency Phone No.:	517/372-9200
	740 East Shiawassee	Fax No.:	517/372-0108
	Lansing, Michigan 48912	e-mail:	foodsafety@neogen.com
Date Prepared or Revised:	April 2009	Chemtrec:	(800) 424-9300
		Outside US and Canada:	(703) 527-3887

Section 2. Composition / Information on Hazardous Ingredients

This product is a mixture of the substances listed below with the addition of nonhazardous materials.

Hazardous Components Specific Chemical Identity:	CAS-No.	%	Hazard Symbol
Sodium Chloride	7647-14-5	12.2%	Xi (Irritant)

Section 3. Health Hazard Identification

Health Hazards: (Acute and Chronic)	Information pertaining to particular dangers for man and environment. R 36 /37/38 Irritating to eyes, respiratory system, and skin.
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Section 4. First Aid Measures

Emergency / First Aid Procedures:	General Information: No special measures required.
	Ingestion: If swallowed, seek medical attention. Show physician product label or MSDS.
	Inhalation: If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult.
	Eye Contact: Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention.
	Skin Contact: 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

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

Section 6. Accidental Release Measures

Personal Precautions: Not required.

Environmental Precautions: Wipe up with damp sponge or mop.

Clean-up Methods: Contact safety officer if questions arise and ventilate area.

Refer to Section 7 for Handling Information.

Refer to Section 8 for Person Protection Equipment.

Refer to Section 13 for Disposal Information.

Section 7. Handling and Storage

Handling: Prevent formation of dust. Ensure good ventilation / exhaust.

Storage: 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.

Other Precautions: N/A

Section 8. Exposure Controls / Personal Protection

Components with limit values that require monitoring:

This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

OSHA-PEL: N/A

REL: N/A

TLV: N/A

Additional Information: 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.

Personal Protective Equipment:

Keep away from food, beverages, and feed.

Wash hands before and after entering laboratory.

Breathing Equipment: In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respiratory.

Hand Protection: Use chemical resistant gloves.

Eye Protection: Wear safety glasses.

Body Protection: Wear lab coat or other protective work clothing.

Section 9. Physical and Chemical Properties

Appearance and Odor: Homogenous, free-flowing powder, and light beige to beige.

Boiling Point: Not determined

Density: Not determined

Flash Point: Not applicable

Melting Point: Not determined

Auto Igniting: Product is not self-igniting

Solubility in Water: Soluble

Danger of explosion: Product does not present an explosion hazard.

pH: 7.3 ± 0.2 @ 25°C

Solvent Content: N/A

Solids Content: 100.0%

**Section 10. Stability and Reactivity**

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

Section 11. Toxicological Information

Acute Toxicity: Not Applicable
Carcinogenicity Classification: N/A
IARC (International Agency for Research on Cancer): N/A
NTP (National Toxicology Program): 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:
Water Hazard Class 1: Slightly hazardous for water. 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.

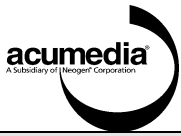
Section 14. Transport Information

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.

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.