



MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information

Product Name or Identity:	Tellurite Supplement (1%) Chapman		
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:	June 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
Potassium Tellurite	123333-66-4	1%	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 immediately. 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. 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: Wear self contained breathing apparatus for fire fighting if necessary.	
Unusual Fire and Explosion Hazards: This product itself does not burn.	

Section 6. Accidental Release Measures

Personal Precautions: Avoid breathing vapors, mist or gas.
Environmental Precautions: Prevent dispersion of material. Wipe up with damp sponge or mop. Do not let product enter drains.
Clean-up Methods: Keep in suitable, closed containers for disposal.



Section 7. Handling and Storage

Handling: Protect against physical damage.

Storage: Requirements to be met by storerooms and receptacles: 2 - 8°C
Keep container tightly closed in a dry and well-ventilated place.

Other Precautions: No special measures required.

Section 8. Exposure Controls / Personal Protection

Components with limit values that require monitoring: The 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
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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 or goggles.

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

Section 9. Physical and Chemical Properties

Appearance and Odor: Clear, liquid and colorless.

Boiling Point: Not determined	Density: Not determined
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Flash Point: Not applicable	Melting Point: Not determined
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Auto Igniting: Product is not self-igniting	Solubility in Water: Soluble
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Section 10. Stability and Reactivity

Stability:	Unstable		Conditions to Avoid: Stable under recommended storage conditions.
	Stable	X	

Incompatibility (Materials to Avoid): Incompatible with strong oxidizing agents.

Hazardous Decomposition or Byproducts: Potassium oxides and Tellurium oxides.

Hazardous Polymerization:	May Occur		No dangerous reactions known.
	Will Not Occur	X	

Section 11. Toxicological Information

LD/LC50 values that are relevant: N/A

Carcinogenicity Classification:

IARC (International Agency for Research on Cancer) - Not listed

NTP (National Toxicology Program) - Not listed

Irritant: Irritant to eyes, skin, and mucous membranes.

Sensitization: No sensitizing effects know.

Subacute to chronic toxicity: Target organs: Respiratory tract, eyes, kidneys, and skin.

Additional toxicological information: May be harmful if inhaled, causes respiratory tract irritation. Toxic if swallowed.

**Section 12. Ecological Information****Ecotoxicity Tests:**

No data available.

Section 13. Disposal Considerations

Waste Disposal Method: Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations. Smaller quantities can be disposed of with solid waste.

RCRA Hazardous Waste – No

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

Land Transport ADR/RID (cross-border)

Not Regulated

Maritime Transport IMDG:

Not Regulated

Air Transport ICAO-TI and IATA-DGR:

Not Regulated

Section 15. Regulatory Information**EU Regulations, Hazard Symbol(s):****Potassium Tellurite: 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

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