

## Safety Data Sheet

### Section 1: Product & Company Identification

<b>Product Name:</b>	Stool Sample Collection & Stabilization Kit
<b>Product #:</b>	S-3357
<b>Synonyms:</b>	
<b>Supplier:</b>	AG Scientific Holdings, LLC 9950 Scripps Lake Drive, Suite 104 San Diego, CA 92131 Tele# + 858-452-9925
<b>Emergency Tele#:</b>	ChemTel, Tele# in USA 1-800-255-3924, International 1-813-248-0585

### Section 2: Composition / Information on Ingredients

Component	CAS #	EC #	% Composition
Cetrimonium bromide (CTAB)	57-09-0		<5
Guanidine hydrochloride	50-01-1		<5

### Section 3: Hazards Identification

<b>Symbols</b>	
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#### HMIS Rating

Health Hazard	Chronic Health Hazard	Flammability	Physical Hazard
2	0	0	0

#### NFPA Rating

Health Hazard	Fire Hazard	Reactivity Hazard

### Section 4: First Aid Measures

<b>General Overview:</b>	Warning! Irritant. Harmful if swallowed. May cause allergic skin reaction. Possible reproductive system hazard based on animal data.
<b>Inhalation:</b>	Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. Can be corrosive to the respiratory tract causing severe irritation and tissue damage. If liquid mists are breathed into the lungs, they may be rapidly absorbed through the lungs and injure specific target organs. No toxicity expected from inhalation.

	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.
<b>Skin:</b>	<p>Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. May cause allergic skin reaction.</p> <p>Wash with soap and water. Remove contaminated clothing and launder immediately, and discard contaminated leather goods, and wash before re-use. Get medical attention immediately if irritation develops or persists.</p>
<b>Eyes:</b>	<p>Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. Can cause severe irritation. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Temporary vision impairment (cloudy or blurred vision) is possible.</p> <p>Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Remove contact lenses, clean before re-use. Get immediate medical attention.</p>
<b>Ingestion:</b>	<p>Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort. Harmful if swallowed. May cause systemic poisoning. Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage. Ingestion of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision. Harmful if swallowed. May cause systemic poisoning.</p> <p>Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS. Corrosive.</p>
	See section 11 for more detailed information on health effects & symptoms.

## SECTION 5: Fire Fighting Measures

<b>Flammability of the product:</b>	No data available
<b>Extinguishing Media:</b>	Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid. Use water spray/fog for cooling.
<b>Hazardous thermal (de)composition products:</b>	Carbon dioxide, carbon monoxide, dense smoke

<b>Special Fire Fighting Procedures:</b>	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.
<b>Flash Point:</b>	No data available




## Section 6: Accidental Release Measures


<b>Personal Precautions:</b>	Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum.
<b>Environmental Precautions:</b>	Ventilate the contaminated area. Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.
<b>Methods for Clean-up:</b>	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8.

## SECTION 7: Handling & Storage

<b>Storage:</b>	Room temperature.
<b>Handling:</b>	Avoid contacting and avoid breathing the material. Use only in a well-ventilated area. Keep closed or covered when not in use.

## SECTION 8: Exposure controls / Personal Protection

<b>Respiratory Protection:</b>	 <p>A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.</p>
<b>Skin and Body:</b>	 

	Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Have a safety shower available
<b>Eyes:</b>	 <p>An eye wash station must be available where this product is used. Wear chemical goggles.</p>
<b>Ventilation/Engineering Measures:</b>	Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.
<b>Hygiene:</b>	
<b>Other:</b>	Contains no substances with occupational exposure limit values.

## SECTION 9: Physical and Chemical Properties

<b>Appearance &amp; Odor:</b>	Liquid solution/suspension
<b>Formula</b>	N/A
<b>Molecular Wt.</b>	N/A
<b>Melting Pt.</b>	N/A
<b>Boiling Pt.</b>	N/A
<b>Density:</b>	N/A
<b>Vapor Pressure:</b>	N/A
<b>Evaporation Rate:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>Solubility:</b>	N/A
<b>Flash Point:</b>	N/A
<b>Autoignition Temp:</b>	N/A

## SECTION 10: Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions.
<b>Hazardous decomposition products:</b>	None known
<b>Materials to Avoid:</b>	Strong oxidizing agents. Strong acids.
<b>Conditions to avoid:</b>	High temperatures.

## SECTION 11: Toxicological Information

<b>RTECS#:</b>	N/A
<b>ACUTE Toxicity:</b>	LD50 Oral = 410 mg/kg (Rat) LD50 Intraperitoneal = 500 mg/kg (Mouse)
<b>CHRONIC Toxicity:</b>	Dermal/Skin: Moderate skin irritation Inhalation/Respiratory: Mayh cause respiratory irritation Target Organs: Gastrointestinal tract, Kidneys
<b>Chronic Exposure:</b> <b>Carcinogen:</b> <b>Mutagen:</b> <b>Teratogen:</b> <b>Reproductive:</b>	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC. AGGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, potential human carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated human carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as known or potential human carcinogen by OSHA. EPA: No classification on carcinogenic data is available from EPA

## SECTION 12: Ecological Information

<b>Ecotoxicity:</b>	No data available
<b>Mobility:</b>	No data available
<b>Persistence and degradability:</b>	No data available
<b>Bioaccumulative potential:</b>	Bioconcentration is not expected to occur.
<b>Other adverse effects:</b>	No data available
<b>Corrosivity Characteristic:</b>	No data available
<b>General Notes:</b>	No data available

## SECTION 13: Disposal Considerations

<b>Residue Waste or Unused product:</b>	Clean up and dispose of waste in accordance with all federal, state, and local regulations.
<b>Contaminated Packaging:</b>	Clean up and dispose of waste in accordance with all federal, state, and local regulations.

## SECTION 14: Transportation Information

<b>UN ID#:</b>	N/A
<b>ADR / RID (LAND):</b>	Not regulated
<b>DOT regulations:</b>	Not regulated
<b>IMDG/IMO (SEA):</b>	Not regulated
<b>IATA/DGR (AIR):</b>	Not regulated
<b>Special Provisions:</b>	N/A

## SECTION 15: Regulatory Information

<b>Health Phrases:</b>	Warning! H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H371 May cause damage to organs: Gastrointestinal tract, Kidneys
<b>Risk Phrases:</b>	N/A
<b>Safety Phrases:</b>	N/A
<b>EU Regulations:</b>	N/A
<b>US Regulations:</b>	TSCA: Not listed California Proposition 65: No products were found
<b>U.S. Federal Regulations:</b>	SARA 302/304 emergency planning and notification: No products were found. SARA 311/312 MSDS distribution-chemical inventory-hazard identification: No products were found. SARA 313 toxic chemicals notification and release reporting: No products were found.  Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean Air Act (CAA) 112 accidental release prevention: No products were found. Clean Air Act (CAA) 112 regulated flammable substances: No products were found. Clean Air Act (CAA) 112 regulated toxic substances: No products were found. OSHA: N/A
<b>WHMIS (Canada):</b>	N/A

## SECTION 16: Other Information

**LIABILITY STATEMENT:** *The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. AG Scientific shall not be held liable for any damages resulting from handling or from contact with the above product. AG Scientific products are for research purposes only. Not for human use or consumption.*