

### Section 1 – Product and Company Identification

**Product Name:** Aminogel  
**Product Number:** 1702  
**Supplier:** Sterogene Bioseparations, Inc.  
1949 Kellogg Avenue  
Carlsbad, CA 92008  
(760) 929-0455 (phone)  
(760) 929-8720 (fax)  
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**Emergency Phone #:** (760) 207-2765

### Section 2 – Hazards Identification

#### Emergency Overview

No specific information is available regarding the acute toxic effects of this material for humans. This product is not classified according to EU regulations.

### Section 3 – Composition/Information on Ingredient

The only hazards identified with this product are those associated with the Ethanol and Methanol in the storage buffer.

Ingredient	CAS #	EC #	Index #	Conc. in Buffer
Ethanol	64-17-5	200-578-6	603-002-00-5	19%
Methanol	67-56-1	200-659-6	603-001-00-X	1%

**Synonyms**  
Ethanol: Ethyl Alcohol  
Methanol: Methyl Alcohol, Wood Alcohol, Carbinol

**Formula:**  
Ethanol: C<sub>2</sub>H<sub>6</sub>O  
Methanol: CH<sub>4</sub>O

**Molecular Weight:** Ethanol: 46.07 g/mol  
Methanol: 32.04 g/mol

### Section 4 – First Aid Measures

#### If Swallowed

If swallowed and the victim is conscious, rinse mouth with water. DO NOT induce vomiting. Seek immediate medical attention.

#### If Inhaled

If inhaled, remove person to fresh air. If breathing is difficult, administer oxygen. If victim is not breathing, administer artificial respiration.

#### In Case of Skin Contact

In case of contact, immediately wash skin with soap and copious amounts of water.

#### In Case of Eye Contact

In case of contact with eyes, flush with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

### Section 5 – Fire Fighting Measures

#### Conditions of Flammability

Flash point: not available

#### Suitable Extinguishing Media

Water spray, dry chemical, Carbon dioxide or alcohol-resistant foam.

#### Protective Equipment

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

#### Specific Hazards

Emits Oxides of Carbon (CO<sub>2</sub>, CO) under fire conditions.

### Section 6 – Accidental Release Measures

#### Methods for Cleanup

Absorb with vermiculite or appropriate absorbent material and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete. Follow all applicable federal, state and local regulations.

### Section 7 – Handling and Storage

#### Handling-User Exposure

Avoid inhalation and ingestion. Avoid contact with skin, eyes and clothing. Avoid prolonged or repeated exposure. Keep away from ignition sources.

#### Suitable Storage

Store in a cool, dry environment in a tightly sealed container according to label instructions.

### Section 8 – Exposure Controls/Personal Protection

#### Engineering Controls

Ensure that safety shower and emergency eye wash station are proximal to the work area. Provide exhaust ventilation when required.

#### Personal Protective Equipment

<b>Respiratory</b>	<b>Eye</b>
Approved vapor respirator	Chemical splash goggles or safety glasses
<b>Hand</b>	<b>Skin Specific</b>
Chemical resistant gloves	Lab coat or appropriate protective clothing

### Section 9 – Physical/Chemical Properties

**Physical State:** Suspension

**Color:** White to off-white

Data on physical and chemical properties not available

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### Section 10 – Stability and Reactivity

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#### Stability

Product is chemically stable.

#### Materials/Conditions to Avoid

Strong oxidizers, acid anhydrides, aluminum, peroxides, ammonia, reducing agents, excessive heat and ignition sources. Resin suspension may be damaged with exposure to strong acids or freezing conditions.

#### Hazardous Decomposition Products

Thermal decomposition may yield oxides of Carbon (CO, CO<sub>2</sub>)

#### Hazardous Polymerization

Hazardous polymerization will not occur

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### Section 11 – Toxicological Information

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#### Potential Health Effects

**Skin Contact:** May cause skin irritation

**Eye Contact:** May cause temporary irritation, tearing and pain

**Ingestion:** May be harmful if swallowed. Depression of the CNS, nausea and drunkenness.

Methanol component may be toxic if swallowed.

**Inhalation:** May cause headache, dizziness and respiratory tract irritation.

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### Section 12 – Ecological Information

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No data available

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### Section 13 – Disposal Considerations

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#### Product

All material should be packaged, labeled, transported and disposed of in conformance with applicable federal, state and local laws and regulations.

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### Section 14 – Transport Information

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**Not regulated by DOT/IATA – Not regulated for transport by air**

#### DOT

49CFR 173.150(e)(2) states that aqueous solution of alcohol containing 24 percent or less alcohol by volume and no other hazardous material can be re-classed as a combustible liquid and is not subject to the requirements.

#### IATA

IATA Special Provision A58 states that aqueous solutions containing 24 percent or less alcohol by volume is not subject to these regulations.

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### Section 15 – Regulatory Information

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#### California Prop. 65

This chemical is not known to the state of California to cause cancer, birth or any other reproductive defects.

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### Section 16 – Other Information

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#### Disclaimer

The information contained herein is presented in good faith and is believed to be correct as of the date prepared, but does not purport to be all inclusive. Regulatory requirements are subject to change and may differ depending on location. It is the customer's responsibility to ensure that its activities are in compliance with local, state, federal or provincial laws.

No information contained in this document is to be taken as a warranty for which Sterogene Bioseparations, Inc. bears responsibility. Sterogene shall not be held liable for any damage resulting from handling or from contact with the product. All materials may present hazards and should be used with caution. Although specific hazards are described, we cannot guarantee that these are the only hazards that exist.