

# Material Safety Data Sheet

## Section 1 – Chemical Product and Company Identification

Catalog Numbers: GL2550-H, GL2550-E, GL2550-I, GL2550-J, GL2550-K, GL2550-M  
Product Identity: Gelatin

**Chemical Family:** Not Applicable

**Synonyms:** Absorbable Gelatin Sponge; Pharmagel.

**Recommended Use:** Laboratory chemicals

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331

Emergency Contact Number (24hr): Chemtel (800) 255-3924

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## Section 2 – Hazard Identification

**Emergency Overview:** Caution! This is expected to be a low hazard for usual industrial handling. May cause eye, skin, digestive tract and respiratory system irritation.

**Appearance:** White/pale yellow solid                      **Odor:** Odorless

**Target Organs:** No data found.

**Potential Health Effects/ Routes of Exposure:**

**Eyes:** Dust may cause mechanical irritation.

**Skin:** Dust may cause mechanical irritation.

**Ingestion:** Low hazard for industrial use.

**Inhalation:** May cause irritation to the respiratory tract

**Chronic Effect / Carcinogenicity:** Intraperitoneal injection has resulted in fetal effects.

**Aggravated Medical Conditions** No information available

These chemicals are not considered hazardous by OSHA.

See section 11 for toxicological information. See section 12 for potential environmental effects.

## Section 3 –Composition, Information on Ingredients

Gelatin, CAS# 9000-70-8, 100% w/v

## Section 4 – First Aid

**Eyes:** Immediately flush eyes with water for at least 15 minutes. Get medical assistance.

**Skin:** Flush with water for 15 minutes. Remove contaminated clothes and shoes. Get medical aid if irritation develops.

**Ingestion:** Dilute with water or milk. Get medical assistance.

**Inhalation:** Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

**Notes to Physician** Treat symptomatically.

## Section 5 – Fire Fighting Measures

**Flash Point:** Not Applicable    **Autoignition Temperature** Not applicable

**Explosion Limits Upper** No data available                      **Lower** No data available

**Extinguishing Media:** Use water spray, carbon dioxide, or dry chemical to extinguish.

**Unsuitable Extinguishing Media:** No information available

**Fire & Explosion Hazards:** Not considered to be a fire or explosion hazard. During a fire irritating/toxic gases may be produced

**Fire Fighting Instructions / Equipment:** Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment.

**Hazardous Combustion Products:** Combustion generates toxic fumes.

**Sensitivity to mechanical impact** No information available.

**Sensitivity to static discharge** No information available.

**Specific Hazards Arising from the Chemical:** No information available.

**NFPA Rating:** (estimated) Health: 1; Flammable: 0; Reactivity: 0

## **Section 6 – Accidental Release Measures**

**Personal Precautions** Use proper personal protective equipment. Avoid contact with skin, eyes and clothing.

**Environmental Precautions** No information available

**Methods for Containment and Clean Up** Absorb and containerize for disposal. Provide adequate ventilation. Avoid generating dust. Always obey local regulations.

## **Section 7 – Handling and Storage**

**Handling:** Wash hands after handling. Avoid contact with skin and eyes. Avoid inhalation and ingestion.

**Storage:** Store in a tightly closed container in a cool, dry, well-ventilated area away from incompatible materials.

## **Section 8 – Exposure Controls, Personal Protection**

Gelatin, CAS# 9000-70-8, ACGIH TLV: NA, OSHA PEL: NA

**Engineering Measures/ General Hygiene:** Adequate ventilation. Ensure eyewash and safety showers are available.

**Personal Protection Equipment: Skin Protection:** Chemical resistant gloves.

**Eye/Face Protection:** Safety Glasses or goggles. **Respiratory Protection:** Adequate ventilation.

## **Section 9 – Physical and Chemical Properties**

**Appearance/Physical State:** White/pale yellow solid

**Odor:** Odorless

**Boiling Point:** Not available

**Melting Point:** Not available

**Vapor Density:** Not available

**Evaporation Rate:** Negligible

**pH:** 6.0 (6% solution)

**Flammability:** No Information Available

**Solubility:** soluble

available

**Relative Density:** No Information Available

**% Volatility:** No Information Available

**Specific Gravity:** 0.68 (water=1)

**Vapor Pressure:** Not available

**Flash Point:** Not Applicable

**Coefficient of water/oil distribution:** Not Available

**Odor Threshold:** Not Available

**Decomposition Temperature:** Not available

**Partition Coefficient n-octanol/water:** No data

**Molecular Weight:** Not available

## **Section 10 – Stability and Reactivity**

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** Dust generation, high temperatures, incompatible materials.

**Incompatible Materials:** Not available

**Hazardous Decomposition Products:** Oxides of carbon and nitrogen

**Hazardous Polymerization:** Does not occur

**Hazardous Reactions:** No information available.

## **Section 11 – Toxicological Information**

**Routes of Exposure/Symptoms/Corrosiveness** – See Section 2

LD50 orl-rat: No Information Available

LC50 inhalation-rat: No Information Available

**Irritation:** No Information Available

**Toxicologically Synergistic:** No Information Available

**Chronic Exposure**

**Carcinogenicity** Gelatin – Not listed as a carcinogen (ACGIH, IARC, NTP, or CA Prop 65)

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Reproductive Effects** No Information available.

**Developmental Effects (Immediate/Delayed)** No information available.

**Teratogenicity** No information available.

**Other Adverse Effects** No information available.

**Endocrine Disruptor Information** No information available

### **Section 12 – Ecological Information**

**Ecotoxicity:** No information available

**Persistence and Degradability:** No Information Available

**Mobility:** No information available

**Bioaccumulation/ Accumulation:** No Information Available

### **Section 13 – Disposal Considerations**

**Waste Disposal/Waste Disposal of Packaging:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

### **Section 14 – Transport Information**

**DOT – Not Regulated**

### **Section 15 – Regulatory Information (not meant to be all inclusive)**

**OSHA Status:** These chemicals are not considered hazardous by OSHA.

**Canada DSL:** This chemical is on Canada's DSL list.

**TSCA:** These chemicals on are listed on the TSCA Inventory

**SARA Title III Section 313:** Not Applicable

**RCRA Status:** Not Applicable

**CERCLA Reportable Quantity:** Not Applicable

**WHMIS:** Not controlled

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

### **Section 16 – Additional Information**

**Disclaimer:** The information on this MSDS applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to determine the suitability and completeness of this information for his own particular use. No warranty is implied regarding the accuracy of the data or the results to be obtained from the products use.