### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
- **Product form**: Mixture
- **Product name**: Gel-Pac®

1.2. Relevant identified uses of the substance or mixture and uses advised against
- **Use of the substance/mixture**: Stabilizer for use in poultry vaccines and probiotics

1.3. Details of the supplier of the safety data sheet
- **Animal Science Products, Inc.**
  - 3418 Rayburn Drive
  - Nacogdoches, TX 75961
  - Phone: 936.560.0003

1.4. Emergency telephone number
- **Emergency number**: 24 Hour Contact - Infotrac
  - Domestic contact: 800-535-5053
  - International contact: +1-352-323-3500

### SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
- **Classification (GHS-US)**: Not classified

2.2. Label elements
- **GHS-US labeling**: No labeling applicable

2.3. Other hazards
- May cause an allergic skin reaction in sensitive individuals.

2.4. Unknown acute toxicity (GHS-US)
- Acute toxicity of all ingredients is known.

### SECTION 3: Composition/information on ingredients

3.1. Substance
- Not applicable – the product is a mixture

3.2. Mixture
- No ingredients that are classified as health hazards are present above their cutoff levels

### SECTION 4: First aid measures

4.1. Description of first aid measures
- **First-aid measures general**: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- **First-aid measures after inhalation**: Allow victim to breathe fresh air. Allow the victim to rest.
- **First-aid measures after skin contact**: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- **First-aid measures after eye contact**: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- **First-aid measures after ingestion**: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed
- **Symptoms/injuries**: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed
- No additional information available

### SECTION 5: Firefighting measures

5.1. Extinguishing media
Unsuitable extinguishing media: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

**Firefighting instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

**6.1.1. For non-emergency personnel**

**Emergency procedures:** Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

**Protective equipment:** Equip cleanup crew with proper protection.

**Emergency procedures:** Ventilate area.

**6.2. Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if material enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up:** On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

**6.4. Reference to other sections**

See Heading 8. Exposure controls and personal protection.

**SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

**Precautions for safe handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Keep only in the original container in a cool, dry, well ventilated place. Keep container closed when not in use. Product contact with moisture may cause caking.

**Incompatible products:** Strong bases. Strong acids.

**Incompatible materials:** Sources of ignition. Direct sunlight.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

<table>
<thead>
<tr>
<th>Gel-Pac®</th>
<th>ACGIH</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OSHA</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

#### 8.2. Exposure controls

**Personal protective equipment:** Avoid all unnecessary exposure.

**Hand protection:** Wear protective gloves.

**Eye protection:** Chemical goggles or safety glasses.

**Respiratory protection:** Not typically required.

**Other information:** Do not eat, drink or smoke during use. Use with adequate ventilation.

**SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

**Physical state:** Solid

**Appearance:** Soft green powder

**Color:** Green
Odor: characteristic
Odor threshold: No data available
pH: No data available
Melting point: 240 °C
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Relative evaporation rate (butyl acetate=1): No data available
Flammability (solid, gas): No data available
Explosion limits: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Vapor pressure: No data available
Relative density: No data available
Relative vapor density at 20 °C: No data available
Solubility: Complete in Water
Log Pow: No data available
Log Kow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Product is stable under normal use and storage conditions.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid
Extremely high or low temperatures.

10.5. Incompatible materials
Strong acids. Strong bases. Premature contact with moisture may cause caking.

10.6. Hazardous decomposition products
Toxic fumes. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified
Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
 Specific target organ toxicity (repeated exposure) : Not classified
 Aspiration hazard : Not classified
 Potential Adverse human health effects and symptoms : No additional information available

SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability
Gel-Pac®
Persistence and degradability : Not established.

12.3. Bioaccumulative potential
Gel-Pac®
Bioaccumulative potential : Not established.

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations : Dispose in a safe manner in accordance with local, state and federal regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT
Not regulated for transport

Additional information

ADR
No additional information available

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations
No additional information available

15.2. International regulations
CANADA
No additional information available

EU-Regulations
No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]
No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
No additional information available
National regulations
No additional information available

15.3. US State regulations
No additional information available

SECTION 16: Other information
Other information : None.

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.