1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: Recombinant Human Serum Albumin
Product Number: HYC002M01
Brand: Oryzogen
Company: Wuhan Healthgen Biotechnology Corp.
Address: No.666 GaoXin Avenue, East Lake Development Zone
        Wuhan, Hubei 430074
        China
Tel: (+86) 27-5940 3932
Fax: (+86) 27-5940 3931
E-mail address: info@oryzogen.net

2. HAZARDS IDENTIFICATION

This substance is not classified as dangerous according to Directive 67/548/EEC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: Oryzogen™, OsrHSA

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Index-No.</th>
<th>Classification</th>
<th>Content</th>
</tr>
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<tbody>
<tr>
<td>70024-90-7</td>
<td>274-272-6</td>
<td></td>
<td></td>
<td>99%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

If inhaled
If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.
## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters**  
Wear self contained breathing apparatus for fire fighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**  
Avoid breathing vapors, mist or gas.

**Environmental precautions**  
Do not let product enter drains.

**Methods for cleaning up**  
Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Handling**  
Normal measures for preventive fire protection.

**Storage**  
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Recommended storage temperature: 2-8°C

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal protective equipment**

**Respiratory protection**  
Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection**  
For prolonged or repeated contact use protective gloves.

**Eye protection**  
Safety glasses

**Hygiene measures**  
General industrial hygiene practice.
## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

**Form**  
lyophilized powder

### Safety data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>pH</td>
<td>6.5-7.5 (100mg/ml solution)</td>
</tr>
<tr>
<td>Melting point</td>
<td>no data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>no data available</td>
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<tr>
<td>Flash point</td>
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<tr>
<td>Ignition temperature</td>
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</tr>
<tr>
<td>Lower explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>100% water soluble</td>
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</tbody>
</table>

## 10. STABILITY AND REACTIVITY

### Storage stability

Stable under recommended storage conditions.

### Materials to avoid

Strong oxidizing agents and high or low PH (PH>9 or PH<4)

### Hazardous decomposition products

Other decomposition products - no data available

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

no data available

### Irritation and corrosion

no data available

### Sensitization

no data available

### Chronic exposure

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.

### Potential Health Effects

<table>
<thead>
<tr>
<th>Route</th>
<th>Data Available</th>
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</thead>
<tbody>
<tr>
<td>Inhalation</td>
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</tr>
<tr>
<td>Skin</td>
<td>no data available.</td>
</tr>
<tr>
<td>Eyes</td>
<td>no data available.</td>
</tr>
</tbody>
</table>
## Ingestion
no data available.

### 12. ECOLOGICAL INFORMATION

**Elimination information (persistence and degradability)**
no data available

**Ecotoxicity effects**
no data available

**Further information on ecology**
no data available

### 13. DISPOSAL CONSIDERATIONS

**Product**
Observe all local environmental regulations.

**Contaminated packaging**
Dispose of as unused product.

### 14. TRANSPORT INFORMATION

**ADR/RID**
Not dangerous goods

**IMDG**
Not dangerous goods

**IATA**
Not dangerous goods

### 15. REGULATORY INFORMATION

**Labelling according to EC Directives**

Further information:
The product does not need to be labelled in accordance with EC directives or respective national laws.

### 16. OTHER INFORMATION

Further information

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