Safety Data Sheet

Product Description

Product Name: Albumin
Recommended Use: Science education applications
Synonyms: None known
Distributor: Carolina Biological Supply Company
           2700 York Road, Burlington, NC 27215
           1-800-227-1150
Chemical Information:
           800-227-1150 (8am-5pm (ET) M-F)
           800-424-9300 (Transportation Spill Response 24 hours)

Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Classification:

Other Safety Precautions: Not a dangerous substance according to GHS classification criteria.
                         No known OSHA hazards.

Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albumin</td>
<td>9006-50-2</td>
<td>100</td>
</tr>
</tbody>
</table>

First Aid Measures

Emergency and First Aid Procedures

Inhalation: In case of accident by inhalation: remove casualty to fresh air and keep at rest.
Eyes: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Firefighting Procedures

Extinguishing Media: Use dry chemical, CO2 or appropriate foam.
Fire Fighting Methods and Protection: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.
Fire and/or Explosion Hazards: N/A
Hazardous Combustion Products: Carbon dioxide, Carbon monoxide, oxides of nitrogen

Spill or Leak Procedures

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

Handling and Storage

Handling: After contact with skin, wash immediately with plenty of water.
Storage: Keep container tightly closed in a cool, well-ventilated place.
Storage Code: Green - general chemical storage

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Control Parameters

No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.

Personal Protective Equipment (PPE):

Lab coat, apron, eye wash, safety shower. No respiratory protection required under normal conditions of use. Wear chemical splash goggles when handling this product. Have an eye wash station available.

Skin Protection:

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.

Gloves:

No information available

Section 9  Physical Data

Formula: N/A Molecular Weight: N/A Appearance: Solid Odor: No data available Odor Threshold: No data available pH: No data available Melting Point: No data available Boiling Point: No data available Flammable Limits in Air: N/A Vapor Pressure: N/A Evaporation Rate (BuAc=1): N/A Vapor Density (Air=1): N/A Specific Gravity: N/A Solubility in Water: Soluble Log Pow (calculated): N/A Autoignition Temperature: No data available Decomposition Temperature: No data available Viscosity: No data available Percent Volatile by Volume: N/A

Section 10  Reactivity Data


Section 11  Toxicity Data

Routes of Entry: Inhalation and ingestion. Symptoms (Acute): Respiratory disorders Delayed Effects: No data available

Acute Toxicity: Chemical Name: Albumin CAS Number: 9006-50-2 Oral LD50: Oral LD50 Mouse > 24000 mg/kg Dermal LD50: Not determined Inhalation LC50: Not determined

Carcinogenicity: Chemical Name: No data available CAS Number: 9006-50-2 IARC: Not listed NTP: Not listed OSHA: Not listed

Section 12  Ecological Data

Overview: This material is not expected to be harmful to the ecology.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Eco Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>9006-50-2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Section 13  Disposal Information

Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.

Waste Disposal Code(s): Not Determined

Section 14  Transport Information

Ground - DOT Proper Shipping Name: N/A

Air - IATA Proper Shipping Name: Not regulated for air transport by IATA.

Section 15  Regulatory Information

TSCA Status: All components in this product are on the TSCA Inventory.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>§ 313 Name</th>
<th>§ 304 RQ</th>
<th>CERCLA RQ</th>
<th>§ 302 TPQ</th>
<th>CAA 112(2) TQ</th>
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</thead>
<tbody>
<tr>
<td>No data available</td>
<td>9006-50-2</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Section 16  Additional Information

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

Glossary

<table>
<thead>
<tr>
<th>ACGIH</th>
<th>NTP</th>
<th>National Toxicology Program</th>
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</thead>
<tbody>
<tr>
<td>CAS</td>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>CERCLA</td>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>DOT</td>
<td>ppm</td>
<td>Parts per million</td>
</tr>
<tr>
<td>IARC</td>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>N/A</td>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act</td>
</tr>
<tr>
<td></td>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td></td>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td></td>
<td>IDLH</td>
<td>Immediately dangerous to life and health</td>
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</table>