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## MATERIAL SAFETY DATA SHEET

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

#### 1.1 Product identifiers

**Product name:** Glycerin Albumen Mountant  
**Product code:** REA215  
**Brand:** Solmedia Ltd

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses:** Manufacture of substances. Laboratory chemicals.

#### 1.3 Details of the supplier of the safety data sheet

**Name of Supplier:** Solmedia Ltd.  
**Address of Supplier:** Unit 2, Vernon Drive  
Battlefield Enterprise Park  
Shrewsbury  
SY1 3TF  
UK  
**Telephone:** 0844 80 80 900  
**Email:** [labsupplies@solmedialtd.com](mailto:labsupplies@solmedialtd.com)

#### 1.4 Emergency telephone number

**Emergency Phone:** +44 (0)844 80 80 900

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

This product has no classification under CLP.

#### 2.2 Label elements

This product has no label elements.

#### 2.3 Other hazards

This product is not identified as a PBT/vPvB substance.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Hazardous ingredients:**

**GLYCEROL**

| EINECS    | CAS     | CLP Classification | Percent |
|-----------|---------|--------------------|---------|
| 200-289-5 | 56-81-5 | -                  | 30-50%  |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                      |  |
|----------------------|--|
| <b>Skin contact:</b> | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.                                       |
| <b>Eye contact:</b>  | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice. |
| <b>Ingestion:</b>    | Do not induce vomiting. Never give anything by mouth to an unconscious person. Wash out mouth with water.  |
| <b>Inhalation:</b>   | If breathed in, move person into fresh air. If not breathing, give artificial respiration.   |

### 4.2 Most important symptoms and effects, both acute and delayed

|                      |  |
|----------------------|--|
| <b>Skin contact:</b> | May be harmful if absorbed through the skin. There may be mild irritation at the site of contact.  |
| <b>Eye contact:</b>  | There may be irritation and redness. The eyes may water profusely. The vision may become blurred.  |
| <b>Ingestion:</b>    | May be harmful if swallowed. There may be irritation of the throat. There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. There may be vomiting. Nausea and stomach pain may occur. |
| <b>Inhalation:</b>   | May be harmful if inhaled. May cause respiratory tract irritation. May cause drowsiness and dizziness. Exposure may cause coughing or wheezing.  |

### 4.3 Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance. Eye bathing equipment should be available on the premises.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Water spray. Dry chemical powder. Alcohol resistant foam. Carbon dioxide.

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

In combustion emits toxic fumes.

### 5.3 Advice for firefighters

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

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## SECTION 6: Accidental release measures

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

Use personal protection equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8.

### 6.2 Environmental precautions

Discharge into environment must be avoided. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4 Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid breathing vapours, mist or gas. Ensure there is exhaust ventilation of the area. For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

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.

### 7.3 Specific end use(s)

No other specific uses stipulated other than the uses mentioned in section 1.2.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Hazardous ingredients:**

**GLYCEROL**

**Workplace exposure limits:**

**Respirable dust**

| State | 8-hour TWA           | 15 min. STEL | 8-hour TWA | 15 min. STEL |
|-------|----------------------|--------------|------------|--------------|
| UK    | 10 mg/m <sup>3</sup> | -            | -          | -            |

**DNEL / PNEC** No data available.

**8.2 Exposure controls**

**8.2.1 Appropriate engineering controls**

**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

**Personal protective equipment**

Wear suitable protective clothing. When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique

(Without touching glove's outer surface) to avoid skin contact with this product. Dispose of Contaminated gloves after use in accordance with applicable laws and good laboratory practices.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Wash and dry hands.

Full contact - Material: Nitrile rubber. Minimum layer thickness: 0.11mm.  
Break through time: 8 hrs.

Splash contact - Material: Nitrile rubber. Minimum layer thickness: 0.11mm.  
Break through time: 8hrs. If used in solution, or mixed with substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves.

**Body Protection**

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK

(EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Eye protection:**

Goggles recommended during refilling: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

**Additional Information**

Wash hands before breaks and after work. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

**Control of environmental exposure**

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities. If material reaches soil inform authorities responsible for such cases.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

|                               |            |
|-------------------------------|------------|
| <b>State:</b>                 | Liquid     |
| <b>Colour:</b>                | Colourless |
| <b>Odour:</b>                 | Pleasant   |
| <b>Solubility in water:</b>   | Soluble    |
| <b>Boiling point/range°C:</b> | 290        |
| <b>Melting point/range°C:</b> | 17.9       |

**9.2 Other safety information**

No data available.

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**SECTION 10: Stability and reactivity****10.1 Reactivity**

Stable under recommended transport or storage conditions.

**10.2 Chemical stability**

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4 Conditions to avoid

No data available.

### 10.5 Incompatible materials

Strong oxidising agents. Strong acids.

### 10.6 Hazardous decomposition products

Other decomposition products - no data available. In the event of fire: see section 5

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Hazardous ingredients:

#### GLYCEROL

|        |     |      |          |       |
|--------|-----|------|----------|-------|
| DERMAL | RBT | LD50 | > 10,000 | mg/kg |
| ORAL   | RAT | LD50 | 12,600   | mg/kg |

**Toxicity values:** No data available.

#### Symptoms / routes of exposure

**Skin contact:** May be harmful if absorbed through the skin. There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely. The vision may become blurred.

**Ingestion:** May be harmful if swallowed. There may be irritation of the throat. There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. There may be vomiting. Nausea and stomach pain may occur.

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation. May cause drowsiness and dizziness. Exposure may cause coughing or wheezing.

**Other information:** RTECS: Not available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available.

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

Soluble in water.

### 12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

### 12.6 Other adverse effects

No data available,

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company. Offer surplus and non-recyclable solutions to a licensed disposal company.

**Disposal of packaging:** Dispose of as unused product.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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## SECTION 14: Transport information

This product does not require a classification for transport.

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

**SECTION 16: Other information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.