



**Safety Data Sheet  
according to WHS Regulations**

Printing date 16.11.2022

Version number 3

Revision: 16.11.2022

Not classified as hazardous according to criteria of Australian Safety and Compensation Council.

### 1 Identification

· **Product identifier**

· **Trade name: Meliosep**

· **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

· **Application of the substance / the mixture** Auxiliary for manufacture of dental prothesis

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**  
Kulzer Australia Pty Ltd  
Unit 20, 53 Lorraine St  
PEAKHURST NSW 2210  
Australia

Tel: +61 (02) 9153 0311

· **Informing department:** see above

· **Emergency telephone number:**

Poison Information Number: Australia 13 11 26 & New Zealand 0800 764 766

### 2 Hazard(s) Identification

· **Classification of the substance or mixture**

The product is not classified, according to the Globally Harmonised System (GHS).

· **Label elements**

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Other hazards -**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**

· **Description:** -

· **Dangerous components:**

56-81-5	glycerol		0-5%
6381-92-6	Ethylendiamintetraessigsäure Dinatriumsalz	STOT RE 2, H373 Acute Tox. 4, H332	0-5%

### 4 First Aid Measures

· **Description of first aid measures**

· **General information** No special measures required.

· **After inhalation** Supply fresh air; consult doctor in case of symptoms.

· **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact**

Rinse opened eye for several minutes under running water. Then consult doctor.

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- **After swallowing**  
*Rinse out mouth and then drink plenty of water.  
In case of persistent symptoms consult doctor.*
- **Information for doctor**
  - **Most important symptoms and effects, both acute and delayed**  
*No further relevant information available.*
  - **Indication of any immediate medical attention and special treatment needed**  
*No further relevant information available.*

**5 Fire Fighting Measures**

- **Extinguishing media**
  - **Suitable extinguishing agents**  
*CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.*
- **Special hazards arising from the substance or mixture** *No further relevant information available.*
- **Advice for firefighters**
  - **Protective equipment:** *No special measures required.*
- **Additional information -**

**6 Accidental Release Measures**

- **Personal precautions, protective equipment and emergency procedures**  
*Wear protective equipment. Keep unprotected persons away.*
- **Environmental precautions:** *No special measures required.*
- **Methods and material for containment and cleaning up:**  
*Absorb with liquid-binding material (diatomite, universal binders, for small amounts tissues).*
- **Reference to other sections**
  - See Section 7 for information on safe handling*
  - See Section 8 for information on personal protection equipment.*
  - See Section 13 for information on disposal.*

**7 Handling and Storage**

- **Handling**
  - **Precautions for safe handling** *Wear protective equipment. Keep unprotected persons away.*
  - **Information about protection against explosions and fires:** *No special measures required.*
- **Conditions for safe storage, including any incompatibilities**
  - **Storage**
    - **Requirements to be met by storerooms and containers:** *No special requirements.*
    - **Information about storage in one common storage facility:** *Not required.*
    - **Further information about storage conditions:** *None.*
- **Specific end use(s)** *No further relevant information available.*

**8 Exposure controls and personal protection**

- **Additional information about design of technical systems:** *No further data; see item 7.*

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· **Control parameters**

· **Components with critical values that require monitoring at the workplace:**

**56-81-5 glycerol**

NES (Australia)	10 mg/m <sup>3</sup>
PEL (USA)	15*; 5** mg/m <sup>3</sup>
*Total dust **Respirable fraction	

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

· **Breathing equipment:** Not required.

· **Protection of hands:**

Check protective gloves prior to each use for their proper condition.  
recommended

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Butyl rubber, BR  
Nitrile rubber, NBR

· **Eye protection:** Safety glasses

· **Body protection:** Light weight protective clothing

**9 Physical and Chemical Properties**

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	Fluid
· <b>Colour:</b>	Colourless
· <b>Smell:</b>	Odourless
· <b>Odour threshold:</b>	Not determined.

· **pH-value at 20 °C:** 6.5

· **Change in condition**

· **Melting point/freezing point:** Not determined  
· **Initial boiling point and boiling range:** 100 °C

· **Flash point:** Not applicable

· **Inflammability (solid, gaseous)** Not applicable.

· **Decomposition temperature:** Not determined.

· **Self-inflammability:** Product is not selfigniting.

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· <b>Explosive properties:</b>	<i>Product is not explosive.</i>
· <b>Critical values for explosion:</b>	
· <b>Lower:</b>	<i>Not determined.</i>
· <b>Upper:</b>	<i>Not determined.</i>
· <b>Steam pressure at 20 °C:</b>	<i>23 hPa</i>
· <b>Density at 20 °C</b>	<i>1 g/cm<sup>3</sup></i>
· <b>Relative density</b>	<i>Not determined.</i>
· <b>Vapour density</b>	<i>Not determined.</i>
· <b>Evaporation rate</b>	<i>Not determined.</i>
· <b>Solubility in / Miscibility with</b>	
· <b>Water:</b>	<i>Not miscible or difficult to mix</i>
· <b>Partition coefficient: n-octanol/water:</b>	<i>Not determined.</i>
· <b>Viscosity:</b>	
· <b>dynamic:</b>	<i>Not determined.</i>
· <b>kinematic:</b>	<i>Not determined.</i>
· <b>Other information</b>	<i>No further relevant information available.</i>

**10 Stability and Reactivity**

- **Reactivity** *No further relevant information available.*
- **Chemical stability**
  - **Conditions to be avoided:** *No decomposition if used and stored according to specifications.*
- **Possibility of hazardous reactions** *No dangerous reactions known*
- **Conditions to avoid** *No further relevant information available.*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:** *None*
- **Additional information:** -

**11 Toxicological Information**

- **Information on toxicological effects**
  - **Acute toxicity**
    - **Primary irritant effect:**
      - **Skin corrosion/irritation** *No irritant effect.*
      - **Serious eye damage/irritation** *No irritant effect.*
    - **Respiratory or skin sensitisation**  
*Sensitising effect by skin contact is possible by prolonged exposure.*
  - **Additional toxicological information:**  
*The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.*  
*When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.*
    - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
      - **Reproductive toxicity** *Based on available data, the classification criteria are not met.*

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**12 Ecological Information**

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

**13 Disposal considerations**

- **Waste treatment methods**
  - **Recommendation** Disposal must be made according to official regulations.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

\* **14 Transport information**

· <b>UN-Number</b>	
· <b>ADG, ADN, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b>	
· <b>ADG, ADN, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b>	
· <b>ADG, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>Packing group</b>	
· <b>ADG, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	-
· <b>UN "Model Regulation":</b>	Void

\* **15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.

· <b>Australian Inventory of Industrial Chemicals</b>	
9005-38-3	Natriumalginat
56-81-5	glycerol

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68915-31-1	polyphosphoric acids, sodium salts	(Contd. of page 5)
6381-92-6	Ethylendiamintetraessigsäure Dinatriumsalz	
2611-82-7	Cochineal red	
7732-18-5	water, distilled, conductivity or of similar purity	

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H332 Harmful if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

· \* **Data compared to the previous version altered.**