

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
SafeWork Australia Approved Code of Practice about the preparation of safety data sheets for  
hazardous chemicals (July 2018), which is an approved code of practice under section 274 of the Work  
Health and Safety Act

Issuing Date 14-Oct-22

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Revision Number 2

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

### Product identifier

**Product Name** Mounting Medium

**Product Code(s)** PCN 003

### Other means of identification

### Recommended use of the chemical and restrictions on use

**Recommended use** Analytical reagent  
For research use only

**Uses advised against** None known

### Details of manufacturer or importer

#### Importer

Sysmex Australia Pty Ltd  
Suite 3, Level 5  
15 Talavera Rd  
Macquarie Park  
NSW 2113  
Telephone no. +61 2 9016 3040

#### Manufacturer

CytoCell Ltd., Oxford Gene Technology  
418 Cambridge Science Park, Milton Road,  
Cambridge  
CB4 0PZ, United Kingdom  
T: +44 (0)1223 294048  
F: +44 (0)1223 294986  
probes@cytoCell.com

### For further information, please contact

**Contact Point** Product Safety Department

### Emergency telephone number

**Emergency telephone number** For medical advice (English): 13 11 26 (Poisons Information Centre)

## SECTION 2: Hazards identification

Not classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonised System (GHS)

### GHS Classification

Not classified

### Label elements

#### **Hazard statements**

Not classified

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

#### **Other hazards which do not result in classification**

No information available.

## **SECTION 3: Composition/information on ingredients**

### **Substance**

Not applicable

### **Mixture**

The product contains no substances which at their given concentration, are considered to be hazardous to health

| Chemical name             | CAS No      | Weight-% |
|---------------------------|-------------|----------|
| Glycerol                  | 56-81-5     | >=80     |
| Chemical name             | CAS No      | Weight-% |
| Non-hazardous ingredients | Proprietary | Balance  |

## **SECTION 4: First aid measures**

### **Description of first aid measures**

|                                   |  |
|-----------------------------------|--|
| <b>Emergency telephone number</b> | Poisons Information Centre, Australia: 13 11 26                |
| <b>Inhalation</b>                 | Remove to fresh air.   |
| <b>Eye contact</b>                | Rinse thoroughly with plenty of water, also under the eyelids. |
| <b>Skin contact</b>               | Wash skin with soap and water.                                 |
| <b>Ingestion</b>                  | Rinse mouth.   |

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

**Symptoms** No information available.

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

**Note to doctors** Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **Suitable Extinguishing Media**

**Suitable Extinguishing Media** Dry chemical, CO2, alcohol-resistant foam or water spray.

**Unsuitable extinguishing media** None known.

#### **Specific hazards arising from the chemical**

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** Carbon oxides.

#### **Special protective actions for fire-fighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

### **SECTION 6: Accidental release measures**

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

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

#### **Environmental precautions**

**Environmental precautions** Do not allow to enter into surface water or drains. See Section 12 for additional Ecological Information.

#### **Methods and material for containment and cleaning up**

**Methods for containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labelled containers.

#### **Precautions to prevent secondary hazards**

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### **SECTION 7: Handling and storage**

#### **Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Wash hands thoroughly after handling.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Protect from moisture.

**Incompatible materials** Strong oxidising agents.

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

#### **Control parameters**

**Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

| Chemical name       | Australia                | ACGIH TLV |
|---------------------|--------------------------|-----------|
| Glycerol<br>56-81-5 | 10 mg/m <sup>3</sup> TWA | -         |

**Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

**Appropriate engineering controls**

**Engineering controls**                      Showers  
 Eyewash stations  
 Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**                      Handling of larger amounts: Wear protective eye glasses for protection against liquid splashes.

**Skin and body protection**                      Wear suitable protective clothing.

**Hand protection**                              To protect the wearer, gloves must be the correct fit and be used properly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

**Respiratory protection**                      No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls**                      No information available.

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

**Appearance**

|                 |                          |
|-----------------|--------------------------|
| Physical state  | Liquid                   |
| Colour          | Colourless               |
| Odour           | Odourless                |
| Odour threshold | No information available |

**Values**

| <b><u>Values</u></b>                    | <b><u>Remarks • Method</u></b> |
|---|--------------------------------|
| pH                                      | No data available              |
| Melting point / freezing point          | No data available              |
| Initial boiling point and boiling range | No data available              |
| Flash point                             | No data available              |
| Evaporation rate                        | No data available              |
| Flammability                            | Not applicable                 |
| Flammability Limit in Air               |                                |
| Upper flammability or explosive limits  | Not applicable                 |
| Lower flammability or explosive limits  | Not applicable                 |
| Vapour pressure                         | No data available              |

|                                 |                           |                   |
|---------------------------------|---------------------------|-------------------|
| Vapour density                  |                           | No data available |
| Relative density                |                           | No data available |
| Water solubility                | Soluble in water          |                   |
| Solubility(ies)                 |                           | No data available |
| Partition coefficient           |                           | No data available |
| Autoignition temperature        |                           | No data available |
| Decomposition temperature       |                           | No data available |
| Kinematic viscosity             |                           | No data available |
| Dynamic viscosity               |                           | No data available |
| Explosive properties            | No information available. |                   |
| Oxidising properties            | No information available. |                   |
| <b><u>Other information</u></b> |                           |                   |
| Softening point                 | No information available  |                   |
| Molecular weight                | No information available  |                   |
| VOC Content (%)                 | No information available  |                   |
| Liquid Density                  | No information available  |                   |
| Bulk density                    | No information available  |                   |
| Particle characteristics        | No information available  |                   |

## **SECTION 10: Stability and reactivity**

### **Reactivity**

Reactivity None under normal use conditions.

### **Chemical stability**

Stability Stable under normal conditions.

### **Explosion data**

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### **Possibility of hazardous reactions**

Possibility of hazardous reactions None under normal processing.

### **Conditions to avoid**

Conditions to avoid Heat. Protect from direct sunlight. Moisture.

### **Incompatible materials**

Incompatible materials Strong oxidising agents.

### **Hazardous decomposition products**

Hazardous decomposition products None known based on information supplied.

## **SECTION 11: Toxicological information**

### **Acute toxicity**

### **Information on likely routes of exposure**

Product Information .

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. |
| <b>Eye contact</b>  | Not expected to cause eye irritation.                             |
| <b>Skin contact</b> | Non-irritating to the skin.                                       |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. |
| <b>Symptoms</b>     | No information available.   |

**Numerical measures of toxicity - Product Information**

**Numerical measures of toxicity** No information available.

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral) 15,750.00 mg/kg

**Component Information**

| Chemical name | Oral LD50             | Dermal LD50          | Inhalation LC50         |
|---------------|-----------------------|----------------------|-------------------------|
| Glycerol      | = 12600 mg/kg ( Rat ) | > 10 g/kg ( Rabbit ) | > 2.75 mg/L ( Rat ) 4 h |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|  |                           |
|--|---------------------------|
| <b>Skin corrosion/irritation</b>         | No information available. |
| <b>Serious eye damage/eye irritation</b> | No information available. |
| <b>Respiratory or skin sensitisation</b> | No information available. |
| <b>Germ cell mutagenicity</b>            | No information available. |
| <b>Carcinogenicity</b>                   | No information available. |
| <b>Reproductive toxicity</b>             | No information available. |
| <b>STOT - single exposure</b>            | No information available. |
| <b>STOT - repeated exposure</b>          | No information available. |
| <b>Aspiration hazard</b>                 | No information available. |

**SECTION 12: Ecological information****Ecotoxicity**

**Ecotoxicity** Low toxicity to aquatic organisms.

| Chemical name | Algae/aquatic plants | Fish   | Toxicity to microorganisms | Crustacea |
|---------------|----------------------|--|----------------------------|-----------|
| Glycerol      | -                    | LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss) | -                          | -         |

**Persistence and degradability**

**Persistence and degradability** The product is substantially biodegradable.

### Bioaccumulative potential

**Bioaccumulation** No information available.

| Chemical name | Partition coefficient |
|---------------|-----------------------|
| Glycerol      | -1.76                 |

### Mobility

**Mobility in soil** Soluble in water. The product is predicted to have high mobility in soil.

**Mobility** No information available.

### Other adverse effects

**Other adverse effects** No information available.

## **SECTION 13: Disposal considerations**

### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

## **SECTION 14: Transport information**

**ADG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**Transport in bulk according to Annex II of MARPOL and the IBC Code**  
No information available

## **SECTION 15: Regulatory information**

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

#### National regulations

##### Australia

Not classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonised System (GHS)

See section 8 for national exposure control parameters

##### **Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated

**Poison Schedule Number** Not applicable

### International Inventories

Contact supplier for inventory compliance status

### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

## **SECTION 16: Other information**

**Issuing Date** 14-Oct-22

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**Revision Note** Initial Release.

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |
| C       | Carcinogen                  |      |                                  |

### **Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 Australian Industrial Chemicals Introduction Scheme (AICIS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
 Organisation for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

### Disclaimer

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the**



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**End of Safety Data Sheet**