1 - Substance Identification

<table>
<thead>
<tr>
<th>Material/Trade Name</th>
<th>OCT Embedding Matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material type</td>
<td>Cryoembedding matrix</td>
</tr>
<tr>
<td>Company</td>
<td>CellPath PLC</td>
</tr>
<tr>
<td>Address</td>
<td>Unit 66 Mochdre Enterprise Park</td>
</tr>
<tr>
<td></td>
<td>Newtown</td>
</tr>
<tr>
<td></td>
<td>Powys</td>
</tr>
<tr>
<td></td>
<td>SY16 4LE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Telephone</th>
<th>01686 611333</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fax</td>
<td>01686 622946</td>
</tr>
<tr>
<td>Emergency Telephone</td>
<td>07803 746135</td>
</tr>
</tbody>
</table>

2 - Composition

<table>
<thead>
<tr>
<th>Substance</th>
<th>% Wt.</th>
<th>CAS No.</th>
<th>EC No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>This product does not contain any ingredients classified as hazardous at concentrations greater than 1% or carcinogens greater than 0.1%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3 - Hazard Identification

Not classified as hazardous under CHIP Regulations 1994 (As amended 96, 97, 98, 99, 99(2), 2000)

4 - First-aid Measures

**Inhalation:**
Remove to fresh air and rest
If recovery is not rapid call for prompt medical attention

**Eyes:**
Irrigate with water for at least 15 minutes
Take care not to wash chemical from one eye to another
If irritation persists call a doctor

**Skin:**
Remove contaminated clothing
Wash with soap/cleanser and rinse with plenty of water
If irritation persists, obtain medical attention

**Ingestion:**
Do not induce vomiting
Give plenty of water to drink
Beware of aspiration if vomiting occurs
Seek medical attention immediately

5 - Fire-fighting Measures

**Suitable Extinguishers:**
Alcohol resistant foam
Dry powder
Carbon dioxide
Water spray/fog

**Unsuitable Extinguishers:**
n/a

**Hazardous Decomposition:**
Toxic fumes are produced in fire

**Special Procedures:**
Do not breathe decomposition products and fumes
Use approved self-contained breathing apparatus
Wear fire retardant clothing
Large fires should only be dealt with by trained personnel
6 - Accidental Release Measures

| Exposure Controls: | Ventilate area  
|                   | Isolate the spillage  
|                   | Do not allow spill to enter drains and watercourses  
| Personal Protection: | Wear suitable respiratory protection for large spillages and in confined spaces  
|                     | Wear rubber gloves  
|                     | Use eye protection such as goggles to BS EN 166 Chemical Grade  
| Disposal Considerations: | Absorb in inert material such as sand or absorbent granules  
|                        | Scoop up and place in plastic container to await transfer  
|                        | Dispose in accordance with local regulations  

7 - Handling and Storage

| Handling: | Avoid skin contact  
|          | Avoid eye contact  
|          | Avoid inhalation of vapour  
|          | Ensure adequate ventilation  
|          | Use local extraction equipment where possible  
|          | Wear suitable protective clothing (see section 8)  
| Storage: | Store away from foodstuffs  

8 - Exposure Controls

| Occupational Exposure Limit: | Not assigned  
|                              | Wear rubber gloves  
|                              | Wear suitable overalls or apron and change if contaminated  
|                              | Wear suitable eye protection such as BS EN 166  
|                              | Use in well ventilated areas.  
|                              | Use mechanical ventilation if possible  
|                              | After contact with skin wash off immediately  

9 - Physical & Chemical Properties

| Appearance | viscous colourless liquid  
| Odour      | sweet, mild  
| pH         | neutral  
| Boiling point/range | n/e  
| Melting point/range | n/e  
| Flash point | >250°C  
| Flammability | NON-FLAMMABLE  
| Autoflammability | n/e  
| Explosive properties | n/e  
| Oxidising properties | None  
| Vapour pressure | n/e  
| Relative density | 1.032 – 1.038  
| Solubility | miscible with water  
| Vapour Density | n/e  
| Viscosity | viscous  
| Evaporation rate (Bu Ac = 1) | n/e (n/e = not established)  

MSDS Part code ZNM-1100-00A
10 - Stability and Reactivity

<table>
<thead>
<tr>
<th>Stable at normal temperatures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials to avoid: oxidising agents, acids</td>
</tr>
<tr>
<td>No hazardous decomposition products when stored and handled correctly</td>
</tr>
</tbody>
</table>

11 - Toxicological Information

| No toxic effects known |

12 - Ecological Information

| Ecotoxicity: - No specific data available |
| Persistence: - No specific data available |
| Bioaccumulative potential: - No specific data available |
| Mobility: - Not determined |

13 - Disposal Considerations

| Do not discharge into drains or watercourses |
| Dispose of in accordance with local regulations |

14 - Transport Information

| Not classified as hazardous for transport |

15 - Regulatory Information

a) Risk & Safety

| Not classified as hazardous under CHIP Regulations 1994 (As amended 96, 97, 98, 99, 99(2), 2000) |

b) Other Regulations

| Health & Safety at Work etc. Act 1974 |
| Control of Substances Hazardous to Health Regulations 1994 |
| Environmental Protection Act 1990 |
| Special Waste Regulations 1996 |

16 - Other Information

| Not Applicable |

This datasheet is compiled to be of assistance but is without guarantee. Users are responsible for safe working.