

**MATERIAL SAFETY DATA SHEET**

CRYO-Embedding Matrix

**1 - Substance Identification**

<b>Material/Trade Name</b>	Cryo Embedding Matrix
<b>Material type</b>	Cryo Embedding Matrix
<b>Company</b>	McCormick Scientific
<b>Address</b>	5918 Evergreen Blvd St. Louis MO 63134
<b>Telephone</b>	314-446-2989
<b>Fax</b>	314-522-6360
<b>Emergency Telephone</b>	314-446-2989

**2 - Composition**

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

**3 - Hazard Identification**

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

#### **4 - First-aid Measures**

<b>Inhalation</b>	Remove to fresh air and rest. If recovery is not rapid call for prompt medical attention.
<b>Eyes</b>	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.8
<b>Skin</b>	Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water . If irritation persists, obtain medical attention.
<b>Ingestion</b>	Do not induce vomiting. Give plenty of water to drink. Beware of aspiration if vomiting occurs. Seek medical attention immediately.

#### **5 - Fire-fighting Measures**

<b>Suitable Extinguishers</b>	Alcohol resistant foam. Dry powder. Carbon dioxide. Water spray/fog.
<b>Unsuitable Extinguishers</b>	n/a
<b>Hazardous Decomposition</b>	Toxic fumes are produced in fire.
<b>Special Procedures</b>	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**

<b>Exposure Controls</b>	Ventilate area. Isolate the spillage. Do not allow spill to enter
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	drains and watercourses.
<b>Personal Protection</b>	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.
<b>Disposal Considerations</b>	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**

<b>Handling</b>	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).
<b>Storage</b>	Store away from foodstuffs

## **8 - Exposure Controls**

<b>Occupational Exposure Limit</b>	<p>Not assigned</p> <p>Wear rubber gloves</p> <p>Wear suitable overalls or apron and change if contaminated</p> <p>Wear suitable eye protection such as BS EN 166</p> <p>Use in well ventilated areas.</p> <p>Use mechanical ventilation if possible</p> <p>After contact with skin wash off immediately</p>
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## **9 - Physical & Chemical Properties**

<b>Appearance</b>	viscous colorless liquid
<b>Odor</b>	sweet, mild
<b>pH</b>	neutral
<b>Boiling point/range</b>	not established
<b>Melting point/range</b>	not established
<b>Flash point</b>	250°C
<b>Flammability</b>	NON-FLAMMABLE
<b>Auto flammability</b>	not established
<b>Explosive properties</b>	not established
<b>Oxidizing properties</b>	None
<b>Vapor pressure</b>	not established
<b>Relative density</b>	1.032 - 1.038
<b>Solubility</b>	miscible with water
<b>Vapor Density</b>	not established
<b>Viscosity</b>	viscous
<b>Evaporation rate (Bu Ac = 1)</b>	not established

## **10 - Stability and Reactivity**

Stable at normal temperatures

Materials to avoid: oxidizing agents, acids

No hazardous decomposition products when stored and handled correctly

## **11 - Toxicological Information**

No toxic effects known

## **12 - Ecological Information**

<b>Ecotoxicity</b>	No specific data available
<b>Persistence</b>	No specific data available
<b>Bio accumulative potential</b>	No specific data available
<b>Mobility</b>	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**

<b>a) Risk &amp; Safety</b>	Not classified as hazardous under CHIP Regulations 1994 (As amended 96, 97, 98, 99, 99(2), 2000)
<b>b) Other Regulations</b>	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