

**Revision Date:** 1/10/2009**Revision Number:** 4**Material/Trade Name:** PREPSTAIN DENSITY REAGENT

## 1 - Substance Identification

<b>Material/Trade Name</b>	: PrepStain Density Reagent
<b>Material type</b>	: Chemical
<b>Company</b>	: Source BioScience
<b>Address</b>	: 1 Orchard Place Nottingham Business Park Nottingham NG8 6PX
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<b>Emergency Telephone</b>	: +44 (0) 7980 893013

## 2 - Composition

Substance	% Wt.	CAS No.	EC No.
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 2002 as amended  
Not Hazardous according to 67/548 EEC and subsequent amendments

## 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
<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>	Direct water jets
<b>Hazardous Decomposition:</b>	Toxic fumes are produced in fire

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## 5 - Fire-fighting Measures (Continued)

<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
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## 6 - Accidental Release Measures

<b>Exposure Controls:</b>	Ventilate area Do not allow spill to enter 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 if splash likely
<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 in tightly closed labelled containers Store in a cool, dry, well ventilated area

## 8 - Exposure Controls

<b>Occupational Exposure Limit:</b>	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

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## 9 - Physical & Chemical Properties

<b>Appearance</b>	: Clear colourless liquid
<b>Odour</b>	: n/e
<b>pH</b>	: n/e
<b>Boiling point/range</b>	: n/e
<b>Melting point/range</b>	: n/e
<b>Flash point</b>	: >100°C
<b>Flammability</b>	: NON-FLAMMABLE
<b>Autoflammability</b>	: n/e
<b>Explosive properties</b>	: n/e
<b>Oxidising properties</b>	: None
<b>Vapour pressure</b>	: n/e
<b>Relative density</b>	: 1.024
<b>Solubility</b>	: miscible with water
<b>Vapour Density</b>	: n/e
<b>Viscosity</b>	: n/e
<b>Evaporation rate (Bu Ac = 1)</b>	: Non volatile

(n/e = not established)

## 10 - Stability and Reactivity

Stable at normal temperatures  
Materials to avoid: oxidising agents  
Conditions to avoid: high temperature & direct sunlight  
No hazardous decomposition products when stored and handled correctly

## 11 - Toxicological Information

Routes of exposure: inhalation, skin absorption and ingestion  
Acute effects from ingestion: Nausea, vomiting and stomach pain  
Repeated skin contact may cause dermatitis

## 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

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## 15 - Regulatory Information

### a) Risk & Safety

Not classified as hazardous under CHIP Regulations 2002 as amended

### b) Other Regulations

Health & Safety at Work etc. Act 1974

Control of Substances Hazardous to Health Regulations 2002 as amended

Environmental Protection Act 1990

Hazardous Waste Regulations 2005

## 16 - Other Information

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by Source BioScience. However, Source BioScience makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.