

Revision Date: 1/10/2009**Revision Number:** 4**Material/Trade Name:** PrepStain Hematoxylin Stain 0.75

1 - Substance Identification

Material/Trade Name : PrepStain Hematoxylin Stain 0.75
Material type : Stain
Company : Source BioScience
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2 - Composition

Substance		% Wt.	CAS No.	EC No.
Ethylene Glycol	Xn;R22	10.5%	107-21-1	203-473-3
Hematoxylin	Xi;R36/37/38	1%	517-28-2	203-237-3

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

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: Direct water jets

Hazardous Decomposition: Toxic fumes are produced in fire

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5 - Fire-fighting Measures (Continued)

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
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6 - Accidental Release Measures

Exposure Controls:	Ventilate area Do not allow spill to enter drains and watercourses
Personal Protection:	Wear suitable respiratory protection for large spillages and in confined spaces Wear rubber or nitrile gloves Use eye protection such as goggles to BS EN 166 Chemical Grade if splash likely
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 in tightly closed labelled containers Store in a cool, dry, well ventilated area

8 - Exposure Controls

Occupational Exposure Limit:	10mg/m ³ 8hrTWA (particulate) 60mg/m ³ 8hrTWA 125mg/m ³ 15minSTEL (vapour) OES Ethylene Glycol
	Wear rubber or nitrile 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

Appearance	: Violet/red liquid
Odour	: Characteristic
pH	: 2.6
Boiling point/range	: n/e
Melting point/range	: n/e
Flash point	: >100°C
Flammability	: NON-FLAMMABLE
Autoflammability	: 410°C
Explosive properties	: n/e
Oxidising properties	: None
Vapour pressure	: n/e
Relative density	: 1.02
Solubility	: miscible with water
Vapour Density	: n/e
Viscosity	: n/e
Evaporation rate (Bu Ac = 1)	: 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

c) Statutory Risk Phrases appearing in Section Two which do not appear in the classification in Section Three

R22 Harmful if swallowed

R36/37/38 Irritating to eyes, respiratory system and skin

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.