

Australian Supplier

In Vitro Technologies Pty. Ltd.
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 Emergency information: Posions Info. Centre: 131126

HS MSD 034/030805**Page 1 of 4****MATERIAL SAFETY DATA SHEET****1.0 Product and Company Identification**

Product Name: Minineph Products

Product Code: All ZK's except: ZK008.L.R, ZK009.L.R, ZK043.L.R,
 ZK044.L.R, ZK088.L.R, ZK151.L.R, ZK189.L.R
 (For exceptions see HS MSD 048)

Manufacturer: The Binding Site Ltd
 PO Box 11712
 Birmingham
 England
 B14 4ZB

Tel: + 44 (0)121 436 1000

2.0 Composition, Information on Ingredients

Whole kits and individual components contain the following chemicals:-

Component	Chemical	Conc.	CAS#	EINECS#
Antisera	Sodium Azide	0.099%	26628-22-8	247-852-1
	E-Amino-N-Caproic Acid (EACA)	0.1%	60-32-2	200-469-3
	Benzamidine	0.01%	1670-14-0	216-795-4
	Ethylenediamine-Tetraacetic Acid (EDTA)	1mM	25102-12-9	Not listed
Controls	Sodium Azide	0.099%	26628-22-8	247-852-1
	E-Amino-N-Caproic Acid (EACA)	0.1%	60-32-2	200-469-3
	Benzamidine	0.01%	1670-14-0	216-795-4
Reaction Buffer	Sodium Azide	0.099%	26628-22-8	247-852-1

3.0 **Hazard Identification**

The components of this product contain substances that are either non hazardous or at concentrations below that requiring the issue of an individual specific Material Safety Data Sheet. However, general safety precautions should be observed and appropriate procedures used to prevent direct contact with the eyes or skin and to prevent inhalation.

4.0 **First Aid Measures**

Eyes: Flush with water for at least 15 minutes.

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Rinse mouth and drink 2-4 cupfuls of water or milk.

Inhalation: Remove from exposure to fresh air immediately.

Note: If symptoms persist seek medical advice.

5.0 **Fire Fighting Measures**

As in any fire wear self-contained breathing apparatus and full protective gear. During a fire irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use appropriate extinguishers when fire fighting.

No information is available on explosion limits.

6.0 **Accidental Release Measures**

Clean up area and wash with water and an appropriate cleaning agent. Use appropriate personal protective equipment (see section 8).

7.0 **Handling & Storage**

Any material which is of human origin has been tested at donor level and found negative for hepatitis B surface antigen (HbsAG), antibodies to HIV1 and 2 and HCV. However, these tests cannot guarantee the absence of infective agents and full safety precautions should be taken as in the handling of any potentially infective body fluid. Only personnel adequately trained in such methods should be permitted to perform the procedures.

All products should be stored as per specific instructions.

Wash thoroughly after handling. Remove contaminated clothing and wash before re-use. Avoid ingestion and inhalation.

Any equipment used should be regularly cleaned as per manufacturers instructions, particularly prior to maintenance or repair.

8.0 Exposure Controls, Personal Protection

Where appropriate use adequate general or local exhaust ventilation to control airborne levels.

Laboratory protective clothing should be worn along with other suitable protection (eg gloves) if appropriate

9.0 Physical and Chemical Properties

No extra information available.

10.0 Stability and Reactivity

For product stability see specific product instructions.

11.0 Toxicological Information

No information available.

12.0 Ecological Information

No environmental hazard is anticipated if the product is handled and disposed of with due care.

13.0 Disposal Considerations

Use appropriate methods for disposal of kit contents and other consumables used.

Contains sodium azide - Explosive metal azides may be formed with lead or copper plumbing; on disposal of reagent, flush with a large volume of water to prevent azide build up.

14.0 Transport Information

Product is not classified as hazardous for transport

15.0 Regulatory Information

Not classified as dangerous according to EC Directives but contains hazardous components

16.0 **Other Information**

All products should be handled only by persons experienced in laboratory techniques. Storage and stability information is given on the product profile. The products are for 'in vitro' use only and should not be used for 'in vivo' for therapeutic purposes.

Freeze Dried Warning:

Products which are freeze dried are liable to form a fine dust. Care should be taken on opening.

This information is believed to be correct but does not purport to be all inclusive. The Binding Site will not be held liable for any damage resulting from handling or from contact with the above product.

Revised document