

**Australian Supplier**

In Vitro Technologies Pty. Ltd.  
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Noble Park, Melbourne, VIC 3174  
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Emergency information: Posions Info. Centre: 131126

**HS MSD 046/131207****Page 1 of 3****MATERIAL SAFETY DATA SHEET****1.0 Product and Company Identification**

Product Name: Human Positive Control Sera/Urine

Product Code: BP 20-31, 33, 35, 41, 96-98, 100-106, 108-110, 113-116, 118, 121, 125, 126, 128-131, 133, 134,136, 139-142, 145, 198, 199, 221, 229, 230  
+ All BXs & Custom ordered sera/urine

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

Tel: + 44 (0)121 436 1000

**2.0 Composition, Information on Ingredients**

Each bottle contains the following chemicals as preservatives:

CHEMICAL	%	CAS#	EINECS#
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

Some BPs also contain 1mM Ethylenediamine-Tetraacetic Acid (EDTA)

CAS# 25102-12-9 EINECS# Not listed

**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.

Equipment 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.

Protective laboratory clothing should be worn along with other suitable protection (eg gloves) if required.

### 9.0 **Physical and Chemical Properties**

Appearance : Clear or straw coloured liquid

### 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.

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*