

**MATERIAL SAFETY DATA SHEET****1.0 Product and Company Identification**

Product Name: Monkey Oesophagus Kits

Product Code: FK208.1, FK208.2, FK227.1, FK227.2

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

Tel: +44 (0)121 436 1000

**2.0 Composition, Information on Ingredients**

Whole kits and individual components contain the following:-

Component	Chemical	%	CAS#	EINECS#
Evans Blue	Evans Blue containing sodium azide	1	314-13-16	206-242-5
		0.099	26628-22-8	247-852-1
Positive & Negative Controls	Sodium azide	0.099	26628-22-8	247-852-1
Mounting Media	1,4 Diazaobicyclo (2,22) Octane (DABCO) in Glycerol/PBS solution (9parts glycerol to 1 part PBS)	2.5	280-57-9	205-999-9
		97.5	56-81-5 (Glycerol)	200-289-5 (Glycerol)
PBS	Phosphate Buffered Saline		N/A	N/A
Tissue Slide	N/A	N/A	N/A	N/A
Conjugate	Sodium azide	0.099	26628-22-8	247-852-1

Evans Blue - Hazard Symbol : T



### 3.0 Hazard Identification

Evans Blue – May cause harm to the unborn child.

Harmful by inhalation, in contact with skin and if swallowed.

Possible carcinogen

The mounting media must be treated with care and gloves should be worn when handling.

All other 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: Wash mouth out with water. Call a physician

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.

### 6.0 Accidental Release Measure

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 appropriate Protective gloves should be worn when handling the mounting media and Evans Blue.

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**

Evans Blue – <u>Acute</u>	Harmful if swallowed, inhaled or absorbed through skin May cause irritation
<u>Chronic</u>	Possible carcinogen Overexposure may cause reproductive disorders based on tests with laboratory animals

The chemical, physical and toxicological properties of this product have not been fully investigated.

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. Observe all federal, state and local environmental regulations

Some of the components of this kit contain sodium azide & must be handled with caution – 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**

Evans Blue - Toxic

R 61 - May cause harm to the unborn child

R20/21/22 – Harmful by inhalation, in contact with skin and if swallowed

S 45 – In case of accident or if you feel unwell, seek medical advice. (Show the label where possible)

S 36/37/38 – wear suitable protective clothing, gloves and eye/face protection

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*