

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

Product Name: Nephelometric and Turbidimetric Latex enhanced products

Product Code: All LK's, + NK001.C, ZK008.L.R, ZK009.L.R, ZK043.L.R, ZK044.L.R, ZK151.L.R, ZK189.L.R

Manufacturer: The Binding Site Ltd
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2.0 Composition, Information on Ingredients

Whole kits and individual components contain the following chemicals as preservatives:-

Latex reagent:

KIT	CHEMICAL	Conc.	CAS#	EINECS#
LK016.T / LK018.T + LK016.P / LK018.P only	Sodium Azide Proclin 300	0.099% (max) 0.05% (max)	26628-22-8 Not defined	247-852-1 Not listed
LK016.H / LK018.H / LK048.H + LK016.AU / LK018.AU + LK008.S / LK009.S / LK016.S / LK018.S / LK048.S + LK016.RI / LK018.RI + LK013.T only	Sodium Azide Proclin 300 EACA Benzamidine	0.099% (max) 0.05% (max) 0.1% (max) 0.01% (max)	26628-22-8 Not defined 60-32-2 1670-14-0	247-852-1 Not listed 200-469-3 216-795-4
LK016.IM + LK018.IM + LK087.IM only	Sodium Azide Proclin 300	0.099% (max) 0.1% (max)	26628-22-8 Not defined	247-852-1 Not listed
LK088.IM only	Sodium Azide Proclin 300	0.099% (max) 0.033% (max)	26628-22-8 Not defined	247-852-1 Not listed
ZK008.L.R + ZK044.L.R only	Sodium Azide EACA Benzamidine Proclin 300	0.099% (max) 0.1% (max) 0.01% (max) 0.05% (max)	26628-22-8 60-32-2 1670-14-0 Not defined	247-852-1 200-469-3 216-795-4 Not listed
LK003.T + LK088.1T	Sodium Azide EACA Benzamidine Proclin 300 Protease Inhibitor Cocktail Set 1	0.099% (max) 0.1% (max) 0.01% (max) 0.05% (max) 1% (max)	26628-22-8 60-32-2 1670-14-0 Not defined Not defined	247-852-1 200-469-3 216-795-4 Not listed Not listed
All other kits not listed above	Sodium Azide	0.099% (max)	26628-22-8	247-852-1

All Calibrators & Controls:

CHEMICAL	Conc.	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

All supplementary reagents: 0.099% Sodium Azide (CAS# 26628-22-8, EINECS# 247-852-1)

3.0 Hazard Identification

The latex reagent may cause minor irritation on contact with skin and eyes especially after prolonged or repeated exposure. It may also cause irritation if inhaled or ingested.

The remaining 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 and goggles) 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.

Components contain 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 handling.

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