

MATERIAL SAFETY DATA SHEET

1.0 Product and Company Identification

Product Name: Nephelometric and Turbidimetric kits including MININEPH Kits, MININEPHPLUS Kits, SPAPLUS Kits and Latex enhanced products

Product Code: LKs, NCs, NKs, NQs, VKs, ZKs, SN107._
(Except NK095.S – see HS MSD 095)

Manufacturer: The Binding Site Group Ltd
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2.0 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.

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 other components contain substances that are either non hazardous or at concentrations below which they are not considered dangerous according to Directive 199/45/EC. However general safety precautions should be observed and appropriate procedures used to prevent direct contact with the eyes or skin.

3.0 Composition, Information on Ingredients

The components (Antisera, Controls, Calibrators, Reaction Buffer, Latex Reagent and Supplementary Reagents) of the kits contain the following chemicals as preservatives. The exact combination and concentration of the chemicals varies between the kits

Chemical	Conc.	CAS#	EINECS#
Sodium Azide	0.099% (max)	26628-22-8	247-852-1
E-Amino-N-Caproic Acid (EACA)	0.1% (max)	60-32-2	200-469-3
Benzamidine	0.01% (max)	1670-14-0	216-795-4
Ethylenediamine-Tetraacetic Acid (EDTA)	1mM (max)	25102-12-9	Not Listed
ProClin 300	0.05% (max)	Not Defined	Not Listed
Protease Inhibitor Cocktail Set	1% (max)	Not Defined	Not Listed

4.0 First Aid Measures

Eyes: Flush with water for at least 15 minutes.

Skin: Flush skin with plenty of soap and water

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

Inhalation: Not applicable – exposure unlikely.

Note: If symptoms persist seek medical advice.

5.0 **Fire Fighting Measures**

No special requirements - use extinguishers appropriate to the surroundings when fire fighting.

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**

All products should be stored as per specific instructions.

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

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

8.0 **Exposure Controls, Personal Protection**

Laboratory protective clothing should be worn along with other suitable protection (e.g. nitrile/latex gloves and safety glasses) 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. All non-contaminated packaging materials and inserts can be recycled.

Some 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**

UK – The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (CHIP 4)

EU – Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) including Annex II – Guide to the Compilation of Safety Data Sheets

16.0 **Other Information**

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

Freeze Dried Warning:

Components which are freeze dried are liable to form a fine dust. Care should be taken when handling.

This information is believed to be correct but does not purport to be all inclusive. The Binding Site Group Ltd will not be held liable for any damage resulting from handling or from contact with the above product. All users should carry out their own risk assessment for the work undertaken.

Revised Document to show new address & telephone number