

MATERIAL SAFETY DATA SHEET

1. Identification of the substance(s)

Product Name: Neutralising Buffer/Alginate Swab **Product Code:** TS/5-43
Alternative Name: **Revision:** 2 **Date:** 30.04.2012
Supplier: Technical Service Consultants Ltd Microbiology House, Fir St, Heywood,
Lancashire OL10 1NW, UK.

2. Constitutions

10ml Neutralising Buffer, Polypropylene outer tube, Pure Alginate tipped (wooden shaft) swab.
Contains biological extracts and chemicals.

3. Hazard identification

Contains Sodium Thioglycollate, classified as Xn, harmful. Sodium Thiosulphate, classified as Xi, irritant. Causes irritation. Sensitiser. Classification based on Sodium Thiosulphate, as levels of Sodium Thioglycollate are below labelling requirements.

Classification of preparation: Irritant.

Symbol: Xi.

Risk Phrases: R36, R38.

Safety Phrases: S26, S36.

CAS number: 367-51-1(Sodium Thioglycollate). 10102-17-7 (Sodium Thiosulphate)

EC-No.: 206-696-4 (Sodium Thioglycollate).

Chemical characterisation: chemical powder.

Percentage contained in product: 0.2%, 0.3% respectively.

4. First aid measures

Eye contact: Irrigate thoroughly with sterile water or isotonic saline for at least 10 minutes.
SEEK MEDICAL ATTENTION.

Inhalation: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

Skin contact: Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.

Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. Do not induce vomiting. OBTAIN MEDICAL ATTENTION.

5. Fire-fighting measures

Special risks: Combustible. Under special fire conditions, may emit fumes.

Extinguishing media: Use extinguishing media appropriate to surrounding fire conditions.

6. Accidental release measures

Wear appropriate protective clothing (see section 8). Inform others to keep at a safe distance. Do not inhale vapours and ventilate the area thoroughly. Collect the spillage and store in a suitable sealed container for disposal. Wash site of spillage thoroughly, with water and detergent.

7. Handling and storage

Handling: Wear appropriate protective clothing. Avoid contact with skin and eyes. Normal laboratory safety procedures should be observed. Handle with care.

Storage: 4-25°C; in dry and ventilated area; protect from light, heat and moisture in tightly closed original container

8. Exposure controls/personal protection

Respiratory protection: A protective face mask.

Eye protection : Wear safety glasses.

Skin protection : Avoid skin contact. Use chemically resistant gloves as needed.

9. Physical and chemical properties

Appearance:	Opaque liquid	Vapour pressure:	Not applicable
Colour:	Colourless	Water Solubility:	Soluble
Odour:	Not applicable	Explosive Properties:	Not applicable
pH:	7.4 ± 0.2	Oxidising Properties:	Not applicable
Melting temperature:	Not applicable	Flash point:	Not applicable
Boiling temperature:	Not applicable	Relative Density:	No data
Density(g/L):	13.4		

10. Stability and reactivity

Reactivity: The material is supplied in a stable condition.

Decomposition: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. Toxicological information

Based on the ingredients in this composition and their concentrations, this product is according to the conventional method of EEC directive 88/379/EEC classified as:

Irritating to eyes and skin. Sensitiser. May cause irritation if inhaled.

Handle product with care.

RTECS #: WE6660000 (see RTECS database for full toxicological information).

12. Ecological information

No data available.

13. Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by national regulations that vary according to locality. For advice on disposal, contact your local waste disposal authority, or pass to a chemical disposal company.

14. Transport information

	Class	Packaging group	Substance Risk	UN no.
Road: (GGVS, GGVE, ADR, RID)	: N/A	Non-hazardous	N/A	N/A
Air: (IATA, ICAO)	: N/A	Non-hazardous	N/A	N/A
Sea: (IMDG, GGVS)	: N/A	Non-hazardous	N/A	N/A

15. Regulatory information

Classification packaging/labelling (Directive 88/379/EEC):-

Hazard Symbol	: Irritant.
Risk phrases	: R36/38- irritating to eyes and skin.
Safety phrases	: S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	: S36- Wear suitable protective clothing.

16. Other information

Revision. 1	Supersedes issue of 10/02/04
Changes in Section :	Change of address and logo
Date of issue:	30.04.2012

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The information given in the data sheet does not constitute the user's own assessment of risk as required by Health & Safety legislation currently in force. All chemicals should only be handled by competent personnel within a suitably controlled environment. Technical Service Consultants Limited shall not be held liable for any damage from handling or from contact with the product(s).