

MSDS for Whole Blood Controls

1. Identification of the substance/preparation and company

Human red cell reagents for in-vitro diagnostic use only:

Whole Blood Controls PR051

NHSBT Reagents
14 Estuary Banks
Speke
Liverpool
L24 8RB

Phone 0151 268 7157 Fax 0151 268 7156

2. Composition/information on ingredients

Donated human red cells as a 33% suspension in plasma diluted in Modified Alsevers solution containing trisodium citrate (8g/L), sodium chloride (4.2g/L), D-glucose (20g/L), citric acid monohydrate (0.5g/L), inosine (0.938g/L), adenosine 5-triphosphate disodium salt (0.4g/L), chloramphenicol (0.34g/L) and neomycin sulphate (0.1g/L).

3. Hazards identification

Alsevers solution (S104-320) contains chloramphenicol (0.34g/L) which is classified as a carcinogen and neomycin sulphate (0.1g/L) which is classified as an irritant when used neat but at the concentration used within this reagent are not associated with any hazards.

All blood grouping reagents should be treated as potentially infectious. The donations used in these products are not sterilised; capable of transmitting any biological agent that has not been detected by routine screening at the time of donation. No known test methods can offer assurances that products derived from human blood will not transmit infectious disease. Appropriate cares should be taken in the use and disposal of this product.

4. First aid measures

Eye contamination: Immediate and prolonged irrigation with copious amounts of water. Seek medical advice.

Skin contamination: Wash thoroughly with copious amounts of water. If skin is broken seek medical advice.

Ingestion: Wash mouth with copious amounts of water and seek medical advice.

Inhalation: N/A

5. Fire fighting measures

Non combustible. If involved in fire use extinguishing media appropriate to the surrounding conditions.

6. Accidental release measures

Wear laboratory coats and disposable nitril gloves. Control spillage in accordance with HSE regulations. Spray spillage with appropriate virucidal detergent and absorb, wash spill site after material pick up is complete.

7. Handling and storage

When handling product wear laboratory coats and disposable nitril gloves. Store the reagent at +2°C to +8°C.

Protect from contamination.

8. Exposure controls/personal protection

When handling product wear laboratory coats and disposable nitril gloves.

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- 9. Physical and chemical properties**
A suspension of red cells in a clear liquid.
- 10. Stability and reactivity**
Do not freeze
Protect from extremes of temperature
Do not use if reagent exhibits obvious discolouration or haemolysis.
- 11. Toxicological information**
Data not available
- 12. Ecological information**
Data not available
- 13. Disposal Considerations**
Dispose of in accordance with Hazardous Waste Regulations 2005 and any additional local regulations
Also see 3.
- 14. Transport information**
Suitable for transportation by road, rail, air and sea.
Packaging complies with regulations in CHIP (The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009
- 15. Regulatory information**
For use in in-vitro diagnostic tests by appropriately trained laboratory personnel.
COSHH
Health and Safety at Work Act 1974
Registration, Evaluation, Authorisation and restriction of chemicals Regulations 2009
Environmental Protection Act 1990
Hazardous Waste Regulations 2005
EEC/91/155
- 16. Other information**
The information in this safety data sheet does not replace the users own assessment of work place risk as required by other health and safety legislation