

MSDS Red Cell Reagents in Alsevers

Material Safety Data Sheet

Red Cell Reagents in Modified Alsevers Preservative

1. Identification of the substance/preparation and company

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

ID Panel	PR141, PR144, PR201,211
ID Panel enzyme	PR151, PR154
IgG coated cells	PR092
A ₁ rr cell	PR012
A ₂ rr cell	PR022
Brr cell	PR033
OR1r cell	PR044
BR1r cell	PR034
2 cell screen	PR101
3 cell screen	PR121
3 cell screen enzyme	PR124
IPEX	PN083

NHSBT Reagents

14 Estuary Banks Speke Liverpool L24 8RB

Telephone: 0151 268 7157

Fax: 0151 268 7156

2. Composition/information on ingredients

Donated human red cells as a 3% cell suspension 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

Alsever's solution (S104-320) contains chloramphenicol (0.34 g/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 manufacture. No known test methods can offer assurances that products derived from human blood will not transmit infectious disease. Appropriate care 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

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- 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.
- 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, sea and air.
Packaging complies with regulations in CHIP (The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009)
- 15. Regulatory information**
For use *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.