

MATERIAL SAFETY DATA SHEET
SANBS RED CELLS IN RED CELL SUSPENDING FLUID



1. Identification of the substance/preparation and company

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

| | |
|-----------------------|-------|
| A1 cells | 78018 |
| A2 cells | 78019 |
| B cells | 78020 |
| OR1R2 cells | 78519 |
| Or cells | 78521 |
| Sensitized cells | 78525 |
| Screen cell 1 | 78522 |
| Screen cells 2 | 78523 |
| Group O screen Pooled | 78510 |
| Panel 1-9 5ml | 78518 |
| Panel 1-9 15ml | 78524 |

REAGENTS LABORATORY

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2. Composition/information on ingredients

Donated human red cell as a 3-5% cell suspensions in Red Cell Suspending fluid containing Adenine (0.002g/l), Calcium Chloride (0.00075g/l), Citric Acid (0.01375g/l), inosine (0.00875g/l), Neomycin sulphate (0.0025g/l), Chloramphenicol (0.00825g/l), Tri-Sodium Citrate (0.147g/l), Glucose (0.25g/l).

3. Hazards identification

Red Cell Suspending fluid (IBC003) contains chloramphenicol which is classified as a carcinogen and neomycin sulphate which is classified as an irritant when used neat but at the concentration used within this reagent are not associated with any hazard.

All blood grouping reagents should be treated as potentially infectious. The donations used in these products are not sterilized; capable of transmitting any biological agent that has not been detected by routine screening at the time of manufacture. No known test method can offer assurance 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

5. Firefighting measures

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

6. Accidental release measures

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

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1073059 REV 0 (30/09/22)

Page 1 of 3

- 7. Handling and storage**
When handling product wear laboratory coat and disposable gloves. Store reagent at +2°C to +6°C.
Protect from contamination.
- 8. Exposure controls/personal protection**
When handling product wear laboratory coat and disposable gloves.
- 9. Physical and chemical properties**
A suspension of red cells in a clear liquid.
- 10. Stability and reactivity**
Do not freeze.
Protect from extreme temperatures.
Do not use if reagent exhibits obvious discoloration or hemolysis.
- 11. Toxicological information**
Data not available.
- 12. Ecological Information**
Data not available.
- 13. Disposal Considerations**
Dispose of accordance with your local Hazardous Waste regulations and any additional local regulations.
- 14. Transport Information**
Suitable for transportation by road, rail, sea and air.
- 15. Regulatory information**
For use in-vitro diagnostic tests by appropriately trained laboratory personnel.
- 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.
References and additional information:
Adenine
Basic Fuchin
BSA
Calcium Chloride Anhydrous
Calcium Chloride Dihydrate
Calcium Chloride
Chloramphenicol
Citric Acid
Crystal Violet
Disodium Hydrogen Phosphate Dodecahydrate.
Disodium hydrogen phosphate
EDTA disodium salt
EDTA Tetrasodium
Glucose
Glycerol
Glycine
Hydrochloric Acid
Imidazole
Inosine
Iodine
Methyl 4-hydroxybenzoate
Neomycin
PEG 3000
Phenol

Potassium dihydrogen phosphate
Potassium iodide
Red Cell Reagents
Sodium Chloride
Sodium Hydroxide pellets
Sodium phosphate
Sulphuric Acid
Tri-potassium citrate monohydrate
Trisodium Citrate
Tween 20

Revision Summary

| VERSION NUMBER | REVISION DETAILS |
|-----------------------|---|
| 0 | <ul style="list-style-type: none">• New MSDS loaded for product produced by Reagents Laboratory |