

# MATERIAL SAFETY DATA SHEET

## SANBS PLASMA REAGENT



### 1. Identification of the substance/preparation and company

Human plasma reagents for in-vitro diagnostic use only:  
Antibody Positive Control Serum 5ml 78484  
AB Serum 78487

#### REAGENTS LABORATORY

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### 2. Composition/information on ingredients

Prepared from donated human plasma. The reagent is prepared by pooling, viral negative recalcified plasma, filtered and inactivated at 56°C.

The plasma contains Sodium Azide (1g/l) and Thiomersal (0.2g/l).

### 3. Hazards identification

SANBS Plasma Reagents contain Sodium Azide and Thiomersal which is highly toxic. It burns in air and may explode if large quantities are involved. It is toxic by ingestion, inhalation and by skin absorption.

All plasma reagents should be treated as potentially infectious. The donations used in these products are not sterilized; are 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

#### • General advice:

- Consult a physician. Show this safety data sheet to the doctor in attendance.
- Move out of dangerous area.
- If inhaled/breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

• **In case of skin contact:** Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

• **In case of eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

• **If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 5. Firefighting measures

Not flammable or combustible.

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

### 6. Accidental release measures

• **Personal precautions:** Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

• **Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 7. Handling and storage

• **Precautions for safe handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

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- **Conditions for safe storage:** Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

## 8. Exposure controls/personal protection

Personal protective equipment Respiratory protection.

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls.

If the respirator is the sole means of protection, use a full-face supplied air respirator.

**Hand protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye protection:** Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards.

Skin and body protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hygiene measures:** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

## 9. Physical and chemical properties

Straw colored reagent.

## 10. Stability and reactivity

- Do not freeze.
- Protec from extreme temperatures.
- Do not use if there are particles in the reagent or if it is turbid.

## 11. Toxicological information

Behavioural: Ataxia. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Nutritional and Gross Metabolic: Changes in: Metabolic acidosis.

## 12. Ecological Information

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

## 13. Disposal Considerations

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

## 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 in accordance with local regulations.

## 16. Other information

**16.1.** 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.

**16.2.** External references:

- a. MSDS – Methionine Thiomersal.
- b. MSDS – Sodium Azide.

**Revision Summary**

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