1. COMPANY AND PRODUCT IDENTIFICATION

Product Name:	**FcR Blocking Reagent**
Manufacturer / Supplier:	IMMUNOSTEP, S.L. Avd. Universidad de Coimbra, s/n. Centro de Investigación del Cáncer (CIC) Campus Miguel de Unamuno 37007 Salamanca-Spain Teléfono/Fax: +34 923294827
Information relative to Technical Services:	tech@immunostep.com
Emergency Information:	+34915620420 // Instituto Nacional de Toxicología. Madrid.

2. INFORMATION ABOUT COMPONENTS

2.1. Description: These products contains Blocking reagent diluted in 0,01M sodium Phosphate buffer, containing bovine serum albumin as stabilizer and 0,1% Sodium azide.

2.2. Dangerous substances in the preparation:

COMPONENT	Num.- CAS	MOLECULAR WEIGHT	% by wt
SODIUM AZIDE	26628-22-8	65,01	≤0,1%

3. HAZARDS IDENTIFICATION

The toxicity information that follows describes the hazards associated with Sodium azide. To the best of our knowledge, no other hazards are associated with this product.

- Information pertaining to particular dangers for man and environment associated to Sodium Azide

- Hazards statements

H317 May cause an allergic skin reaction

- Precautionary statements

P280 Wear protective gloves / eye protection.
P280 Wear protective clothing
P261 Avoid breathing mist/vapours/spray.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P302+P352 If on skin: Wash with plenty of water.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations

4. FIRST AIDS MEASURES

- Symptoms of poisoning may even occur after several hours; therefore provide medical observation for at least 48 hour after accident.
- After inhalation: Remove to fresh air. If individual is not breathing, give artificial respiration and obtain medical attention.
- After skin contact: Immediately wash with copious amounts of water while removing contaminated clothing.
- After eye contact: Rinse opened eye for 15 minutes under running water and seek medical advice.
- After swallowing: Wash out mouth with water and seek medical advice immediately showing the container or label of the product.

5. FIRE FIGHTING MEASURES

Extinguishing media:	• Water spray • Carbon dioxide, dry chemical powder or appropriate foam
Special firefighting procedures:	• Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual fire and explosions hazards:	• Sodium azide upon thermal decomposition may emit toxic gases, including nitrogen oxides. However, due to the composition and volume of this product, combustion products generated from it are not expected to present a significant hazard.

6. ACCIDENTAL RELEASE MEASURES

- Wear protective equipment.
- Absorb with liquid-binding material and placed in closed containers for disposal. Avoid generation of aerosols during clean up.
- Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

7.1 Handling precautions

- Avoid inhaling, ingestion and contact with eyes and skin.

7.2 Storage:

• Requirements to be met by storerooms and receptacles:	No special requirements
• Information about storage in one common storage facility:	Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
• Further information about storage conditions:	None

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of material with critical values that have to be monitored at the workplace.

Engineering controls: Use in well ventilated area.

Respiratory protection: Not required.

Eye protection: Safety glasses

Body protection: Protective work clothing; impervious gloves, such a latex or equivalent, should be worn to prevent skin contact

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Colourless
Odour:	Odourless
Change in condition	Melting point: Not determined Boling point: Not determined
Flash point:	Not applicable
Danger of explosion:	Forms very sensitive explosive metallic compounds
Vapour pressure:	Not available
Density:	Not determined
Solubility in water:	Soluble
pH:	Not determined

10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperatures and pressures
Material to be avoid	• Strong oxidizing agents • Metals and metallic compounds • Cyano compounds
Dangerous decompositions products:	Sodium azide forms explosive compounds with heavy metals. Repeated contact of low concentration of azide with lead and copper commonly found in pumbling drains may result in the build up of shock sensitive compounds.
Additional information:	Nitrogen oxides (NOx) Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in metal drains.

11. TOXICOLOGICAL INFORMATION

Acute toxicity for hazardous ingredients: **Sodium azide**	• Oral LD50 Rat: 27 mg/Kg Although its concentration in this product is low, sodium azide is harmful if swallowed, inhaled or absorbed through skin.
Potential effects of chronic exposure to sodium azide	Prolonged or repeated exposure to sodium azide may result in pounding headaches, eye and nose irritation, low blood pressure, fatigue and dizziness.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Toxic for fish and other water organism

13. DISPOSAL CONSIDERATIONS

Recommendation:	This material must be disposed of in accordance with all local, state and provincial regulations. Do not allow product to reach sewage system.
Uncleaned packagings:	• Recommendation: Disposal must be according to state and local regulations. • Recommended cleansing agent: Water, if necessary with cleansing agents.

14. TRANSPORT INFORMATION

RID /ADR: Non-hazardous for road transport.
IMDG: Non-hazardous for sea transport.
ICAO/IATA: Non-hazardous for air transport.

15. OTHER INFORMATION

The above information represents the best information currently available for us. However this reagent may present unknown hazards and should be used with caution. Independent professional opinions regarding the risk or exposure to this solution are the responsibility of the user.