

MATERIAL SAFETY DATA SHEET (MSDS)



1 de 1

PRODUCT AND COMPANY INFORMATION:

Name: Monoclonals and Polyclonals Antibodies for Immunohistochemistry.

Reference: AP10000 – AP10999

Manufacturer: Genova Scientific S.L., C/ Johann Gutenberg, 4F. Pol. Ind. El Cafamo I. 41300 San Jose de La Rinconada. Sevilla, SPAIN

Phone: +34 954 150767 • Fax: +34 955 266494 • info@genovalab.com

Emergency Tel.: Please contact the nearest Toxicology and Antivenin Center

Regulation: According to OSHA regulations and EC Directives.

INFORMATION ABOUT COMPONENTS

Description: These products contain antibodies in aqueous buffer solution. Contain no hazardous material at a reportable concentration according to OSHA Hazard Communication Standard and EC Directives.

Dangerous substances in the preparation:

COMPONENT: Sodium azide

CAS: 26628-22-8

Percent: ≤ 0,1%

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.

-R22: Harmful if swallowed

-R32: Contact with acids liberates very toxic gas

FIRST AIDS MEASURES

-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.

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.

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.

HANDLING AND STORAGE

Handling precautions: Avoid inhaling, ingestion and contact with eyes and skin.

Storage: Requirements to be met by storerooms and receptacles: No special requirements

Further information about storage conditions: None

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.

PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Colour: Colourless

Odour: Odourless

Melting point: Not determined

Boiling 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

STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures

Material to be avoid: Strong oxidizing agents, metal, metallic compounds and cyano compounds

Repeated contact of low concentration of azide with lead and copper commonly found in plumbing drains may result in the buildup of shock sensitive compounds.

Dangerous decompositions products: None under normal conditions.

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.

May cause eye irritation.

ECOLOGICAL INFORMATION

Ecotoxicity: Toxic for fish and other water organism

DISPOSAL CONSIDERATIONS

Recommendation: Smaller quantities can be disposed of with household waste. Contact a licensed professional waste disposal service to dispose of this material.

Disposal must be according to federal, state and local regulations.

TRANSPORT INFORMATION

RID /ADR: Non-hazardous for road transport.

IMDG: Non-hazardous for sea transport.

ICAO/IATA: Non-hazardous for air transport.

REGULATORY INFORMATION

Labelling according to EU guidelines: The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

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. Genova Scientific S.L., is at your disposal for further information and additional explanation.

F03IT04_V1R0612_AP10000-AP10999_English

