Material Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Revision date: 01/01/2023

SECTION 1-DATA OF THE MANUFACTURING COMPANY			
NAME OF MANUFACTURER: Rekom Biotech S.L. ESB18947465		**FOR PRODUCT RELATED QUESTION CALL:** TFNO. +34958637085 FAX. +34958637085 MOB. +34607861573	
COMPLETE ADDRESS			
STREET Avda. De la Innovación	**Nº** 1	**PLACE** EDIF. BIC-Granada	**C.P.** 18016
LOCALITY Granada	**CITY** Granada	**COUNTRY** SPAIN	

SECTION 2-HAZARDS IDENTIFICATION
2.1 Classification of the substance or mixture: Classification according to Regulation (EC) No. 1272/2008 [CLP] The substance is not classified, according to the CLP regulation. Not infectious polyclonal antibody lyophilised dry powder which does not contain any animal derived additive. This product is a polyclonal antibody lyophilised dry powder, without dangerous goods and is only intended for *in vitro* laboratory use, only for R&D purposes. This product does not contain hazardous chemicals. Additionally, this product is not known to contain carcinogens at concentrations of 0.1% or greater. As a result, a Material Safety Data Sheet is not required for this product.
2.2 Label elements: The product does not need to be labeled in accordance with Regulation (EC) No 1272/2008.
2.3 Other hazards: none

SECTION 3-COMPOSITION/INFORMATION ON INGREDIENTS	
NAME Polyclonal antibody against p44 of *Anaplasma phagocytophilum*	**PART NUMBER** PAB0014
COMPONENTS Storage buffer before liophilisation: 20 mM phosphate buffer pH 7, 0.15 M NaCl, 0.13 M trehalose and 0.1% sodium azide	This Antibody raised in Alpaca, Donkey, Goat, Rabbit, Rat, Mouse, Chicken or Sheep sent with this Commercial Invoice has been separated from plasma /serum or ascites fluid and highly purified so that animal disease or other pathogenic agents were killed off or effectively removed.
These preparations do not contain any animal derived additives, such as albumin, these products are only intended for *in vitro* laboratory use.	

MIXTURES

Substance	CAS No.	CE No.	W/W %	Regulation (EC) no 1272/2008 [CLP]	Classification
Sodium azide (Preservative)	26628-22-8	247-852-1	<0.1	Acute Tox. 2: H300 Aquatic Acute 1: H400 Aquatic Chronic 1: H410	Due to concentration <0.1%, this preparation is not classified as dangerous on the basis of health and/or environment effects

Lowest generic cut-off value: ≥ 0.1
Lowest specific concentration limits/ M-factor: N/A (according to ATE Annex I section 3.1.3.6.1. and Table 3.1.2, classification ≥ 1.0 %).
Note: Sample diluent is not dangerous preparation (Regulation (EC) No 1272/2008 [CLP]).

APPEARANCE
Dry powder

APLICATION
For Research Use Only

SECTION 4-FIRST AID MEASURES

4.1. Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately wash with water and soap and rinse thoroughly. Generally, the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Rinse mouth with water. Seek medical attention and appropriate follow-up.

4.2 Most important symptoms and effects, both acute and delayed: Not information available

4.3 Indication of any immediate medical attention and special treatment needed: treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media: The product is non-flammable. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture: Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters: Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Use standard laboratory practices including proper personal protective equipment.

6.2 Environmental precautions: Do not let product enter drains.

6.3 Methods and material for containment and cleaning up:

- Absorb liquid components with liquid-binding material.
- Pick up mechanically.
- Dispose contaminated material as waste

6.4 Reference to other sections: For additional information see the sections 8 and 13 of this document.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling: No special measures required. No special precautions are necessary if used correctly.

7.2 Conditions for safe storage, including any incompatibilities: storage according to product specifications.

7.3 Specific end use: Only use provided diluent for sample dilution.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters:

Any specific protection and prevention measures should not be taken during use of the product.

Exposure limits:

Substance	**LTEL (8 hr)**	**STEL**
Sodium azide (NaN3)	**mg/m3**	**mg/m3**
CAS No. 26628-22-8	0.1	0.3

8.2 Exposure controls:

- Eye/face protection: appropriate safety glasses
- Skin protection: Use appropriate chemical resistant gloves and wear protective work clothing.
- Environmental exposure controls: No special measures are required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Physical state: dry powder
- Colour: white
- Odour: Little to none Vapor
- Melting point/freezing point: Not available.
- Boiling point or initial boiling point and boiling range: Not available.
- Flammability: Not available.
- Lower and upper explosion limit: Not available.
- Flash point: Not available.
- Auto igniting temperature: Product is not self igniting.
- Decomposition temperature: Not available.
- pH: not available
- Kinematic viscosity: Not available
- Solubility: water solubility
- Partition coefficient n-octanol/water (log value): Not available
- Vapour pressure: Not available
- Density and/or relative density: Not available
- Relative vapour densit: Not available
- Particle characteristics: Not available

9.2 Other information: No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Stable under recommended transport and storage conditions.

10.2 Chemical Stability: Stable under recommended storage and handling temperatures.

10.3 Possible hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions to avoid: Heat and moisture.

10.5 Incompatible materials: Strong acids/alkalis, strong oxidizing/reducing agents.

10.6 Hazardous decomposition products: No known decomposition information.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- Acute toxicity: Classification criteria are not met based on available data.
- Skin corrosion/irritation: Classification criteria are not met based on available data.
- Serious eye damage/irritation: Classification criteria are not met based on available data.
- Respiratory or skin sensitization: Classification criteria are not met based on available data.
- Germ cell mutagenicity: Classification criteria are not met based on available data.
- Carcinogenicity: Classification criteria are not met based on available data.
- Reproductive toxicity: Classification criteria are not met based on available data.
- STOT-single exposure: Classification criteria are not met based on available data.
- STOT-repeated exposure: Classification criteria are not met based on available data.
- Aspiration hazard: Classification criteria are not met based on available data.

11.2 Information on other hazards

When used and handled according to specifications, the product does not have any harmful effects according to available information.

SECTION 12: ECOLOGICAL INFORMATION
12.1 Toxicity: Undetermined.
12.2 Persistence and degradability: Undetermined
12.3 Bioaccumulative potential: Undetermined
12.4 Mobility in soil: Undetermined
12.5 Results of PBT and vPvB assessment: Undetermined
12.6 Endocrine disrupting properties: Undetermined
12.7 Other adverse effects: Undetermined

SECTION 13: DISPOSAL CONSIDERATIONS
13.1 Waste treatments methods: Dispose of waste in accordance to applicable national, regional, or local regulations.
13.2 Contaminated packaging: Dispose in the same manner as unused product.

SECTION 14: TRANSPORT INFORMATION
14.1 UN number: no UN number allocated to non-hazardous substances
14.2 UN proper shipping name: no UN number allocated to non-hazardous substances
14.3 Transport hazard class: IMDG: IATA: Not dangerous goods
14.4 Packing group: not applicable
14.5 Environmental hazards: No
14.6 Special precautions for user: Classification criteria are not met based on available data.
14.7 Maritime transport in bulk according to IMO instruments: not applicable

SECTION 15: REGULATORY INFORMATION
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: Classification criteria are not met based on available data.
15.2 Chemical safety assessment: not performed with this product

SECTION 16: OTHER INFORMATION
Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.