SAFETY DATA SHEET (SDS)

Anti-Spike Protein (SARS-CoV-2) Polyclonal Antibody

1: Identification

PRODUCT DETAILS

Product Name	Anti-Spike (SARS-CoV-2) Rabbit Polyclonal Antibody
Other Names	None SCV2-S-300
Use	For research use, *i.e.* western blot standard, antibody ELISA, antigen
Company	eENZYME LLC
Address	401 Professional Drive, Suite 160 Gaithersburg, MD 20879, USA
General Information	1-240-683-5851

Section 2: Hazards Identification

GHS Classification of substances and mixtures: Not hazardous. May cause eye or skin irritation in susceptible individuals. May be harmful if swallowed or inhaled.

Signal Word: Not hazardous.

Other Information: No other information available.

Section 3: Composition/Information on Ingredients

At the concentration of the chemicals in the aqueous solution provided, the protein is considered nonhazardous.

Chemical Components	**Description**
IgG	Antibody, 100 μg
KCl	20 μg
KH_2PO_4	24 μg
NaCl	800 μg
Na_2HPO_4	144 μg
Gelatin	<0.1%
Sodium azide	<0.1%

Hazardous Components: This aqueous product solution contains the following hazardous ingredient. At the given concentration (<0.1%), the part is not classified under GHS.

Hazardous Ingredient	**CAS**	**GHS Classification**	**Concentration**
Sodium Azide	26628-22-8	Acute Toxicity, Oral (Category 2); Acute Toxicity, Dermal (Category 1); Acute aquatic toxicity (Category 1); Chronic Aquatic Toxicity (Category 1)	<0.1%

Section 4: First Aid Measures

Swallowed	Rinse mouth with water then drink copious amounts of water.
Eye	Wash continuously with water for 15 minutes
Skin	Immediately wash skin with soap and water. Wash contaminated clothing.
Inhaled	Remove to fresh air.
First Aid Facilities	Eye bath
Physician's note	Treat symptomatically.

Section 5: Fire Fighting Measures

Extinguishing Media	None
Special Firefighting Procedures	None
Unusual Fire and Explosions Hazards	None

Section 6: Accidental Release Measures

Spill Response	Absorb with paper towel and dispose into biohazard waste
Containment	None
Personal Precautions and Equipment	Gloves, Protective goggles, laboratory coat
Emergency Procedures	Avoid direct skin and eye contact when cleaning up

Section 7: Handling and Storage

Recommendations for Safe Storage	No special precautions for personal safety
Additional Storage Information	None
Precautions for Safe Handling	Use Safe Laboratory Practice.
Additional Precautions for Handling	None

Section 8: Exposure Controls/Personal Protection

Exposure Limits	No data
Engineered Environmental Controls Needed	No special controls needed
Personal Protective Measures	Use Safe Laboratory Practice, protective gloves, goggles, laboratory coat
Special Requirements	None

Section 9: Physical and Chemical Properties

Physical State	Aqueous Solutions
Odor	None
Solubility in Water	Good
Specific Gravity	No data
pH	Neutral
Boiling Point	No data
Melting Point	No data
Flash Point	No data
Vapor Pressure	No data
Vapor Density	No data

Section 10: Stability and Reactivity

Reactivity	Compounds considered non-dangerous at concentrations given.
Chemical Stability	Stable
Hazardous Reactions or Polymerizations	Will not occur.
Hazardous Decomposition Products:	None. Burning can produce oxides of carbon and nitrogen.
Incompatible Materials	None known

Section 11: Toxicological Information

Likely Routes of Exposure	None if properly handled. Accidental routes include skin, eye and mouth. Accidental exposure might cause a reaction in susceptible individuals.
Effects of Exposure	None known, general class of similar chemical solutions have no toxic, carcinogenic, or mutagenic effects.
Toxicity Data and LD50	None known at concentrations provided.

Other Information

Preparation Date	12/29/2021
Revision Date	3/28/2022

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.