

# MATERIAL SAFETY DATA SHEET (MSDS)

## Anti-HBcAg (HBV) Polyclonal Antibody

### COMPANY DETAILS

**Company:** eENZYME LLC  
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### IDENTIFICATION SECTION

**Product Name** Anti-HBcAg (HBV) Polyclonal Antibody  
**Other Names** None  
**Product Code** HV-002-0100  
**Use** For research use, *i.e.* Western blot, ELISA

### PHYSICAL AND CHEMICAL PROPERTIES

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

Chemical Components	Description
Antibody	IgG, 100µg/50µl
KCl	10 µg
KH <sub>2</sub> PO <sub>4</sub>	12 µg
NaCl	400 µg
Na <sub>2</sub> HPO <sub>4</sub>	72 µg
Gelatin	0.1%
Sodium azide	0.1%

### HAZARDS IDENTIFICATION

**Overview:** Sodium azide (NaN<sub>3</sub>, CAS: 26628-22-8) at 1% is used for preservation. Sodium azide at >10% is highly acutely toxic. Wear appropriate personal protective equipment (PPE) to avoid inhalation, ingestion, or absorption via skin. Sodium azide diluted to <0.02% maybe poured down a drain with plenty of running water.

**Carcinogenicity:** Not determined  
**Target Organs:** Not determined  
**Primary Entry Route:** Ingestion, inhale, skin contact

#### FIRST AID INFORMATION

<b>Swallowed:</b>	If conscious, immediately induce vomiting
<b>Skin:</b>	Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.
<b>First Aid Facilities:</b>	safety shower

#### SAFE HANDLING INFORMATION

<b>Storage and Transport:</b>	Keep cold in a tightly closed container.
<b>Spills and Disposal:</b>	Use water to dilute and wipe with paper towels.
<b>CERCLA</b>	No reportable quantity
<b>Fire/Explosion Hazard:</b>	Burning can produce oxides of carbon and nitrogen.

#### STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Incompatibilities:</b>	Heating in the presence of air (oxygen) to temperatures above 212°F will result in decomposition.
<b>Products of Decomposition:</b>	Burning can produce oxides of carbon and nitrogen.

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.