

MATERIAL SAFETY DATA SHEET (MSDS)

Anti-VP4 (HAV) Polyclonal Antibody

COMPANY DETAILS

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IDENTIFICATION SECTION

Product Name Anti-VP4 (HAV) Polyclonal Antibody
Other Names None
Product Code HV-013-0100
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 ₂ PO ₄	12 µg
NaCl	400 µg
Na ₂ HPO ₄	72 µg
Gelatin	0.1%
Sodium azide	0.1%

HAZARDS IDENTIFICATION

Overview: Sodium azide (NaN₃, 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

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

SAFE HANDLING INFORMATION

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

STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibilities:	Heating in the presence of air (oxygen) to temperatures above 212°F will result in decomposition.
Products of Decomposition:	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.