Aeonian Biotech
Your choice for selective antibodies

Version 3 Date 19-Nov-2021

Material Safety Data Sheet

Section 1: Product and company identification

Product type:	Aeonian Biotech polyclonal rabbit antibody, affinity-purified IgG by using immuzing peptide from rabbit serum.
Product number:	AE00299
Supplier:	Aeonian Biotech Netherlands BV Leiden Bio Science Park JH Oortweg 21 2333 CH leiden, Netherlands (+31) 649505371 info@aeonianbiotech.com
Relevant identified uses:	For laboratory research use only.
Emergency tel. number:	(+31) 713322800

Section 2: Hazards identification

According to GHS and to Regulation EC No 1272/2008

Physical hazards:	Not a hazardous substance or mixture
Health hazards:	Not a hazardous substance or mixture
Environmental hazards:	Not a hazardous substance or mixture

Hazards not otherwise classified (HNOC), or not covered by GHS: None

Emergency overview:
This product has been classified as nonhazardous based on the physical and/or chemical nature and/or concentration of ingredients. Product has little to no hazards for Emergency Responders if spilled and has no unusual hazard if in a fire. Sodium azide (<0.1%) is included as a preservative. Although it is not considered hazardous at this level, please note that accumulated sodium azide may react with lead or copper plumbing to form highly explosive metal azides. Thorough flushing of plumbing is recommended.

Section 3: Composition/information on ingredients

Sodium Azide	<0.1%	CAS 26628-22-8
Proprietary, multiple	<0.1% each	N/A
Water	>99%	CAS 7732-18-5

It has been determined that the proprietary ingredients of this product are not classified as hazardous according to the Federal OSHA Hazardous Communication Standard (29 CFR 1910.1200) or the Globally Harmonized System of Classification and Labeling of Chemicals.

Section 4: First aid measures

In case of:	
Skin contact:	Wash off with soap and plenty of water
Eye contact:	Flush with plenty of water for at least 15 minutes.
Ingestion:	Not expected hazardous, but rinse mouth and drink plenty of water
Inhalation:	Move to fresh air, and address any breathing problems

Most important symptoms and effects, both acute and delayed: Not applicable
Indications of any immediate medical attention and special treatment needed: None

Section 5: Fire fighting measures

Conditions of flammability:	Not combustable
Suitable extinguishing media:	Water, foam, CO2, dry chemical
Special hazards arising from the product:	The microvials containing the products may release toxic vapours when on fire.
Advice for firefighters:	Treat as chemical fire

Section 6: Accidental release measures

Personal precautions:	Standard laboratory practice: wear protective gloves, spectacles and lab coat
Environmental precautions:	Treat as laboratory waste
Methods and materials for containment and cleaning up:	Soak up with inert absorbant and dispose in suitable closed containers. Avoid physical contact.

Section 7: Handling and storage

Precautions of safe handling:	Avoid contact with body parts and clothing.
Conditions for safe storage, including any Incompatibilities:	Keep aliquots at freezer and working aliquots at 4°C See part 10
Specific end uses:	For laboratory research purposes only

Section 8: Exposure controls/personal protection

Control parameters:	This antibody contains less than 0.1% sodium azide (NaN3). Concentrations less than 0.1% are not reportable hazardous materials according to U.S. 29 CFR 1910.1200, OSHA Hazard Comunication, and EC Directive 91/155/EC.
Permissable exposure limits:	ACGIH, TLV: Sodium Azide 0.29 mg/m3, ceiling NIOSH, REL-C: Sodium Azide 0.3 mg/m3, skin
Exposure limits:	Contains no substances with occupational exposure limit values.
Engineering measures:	Ensure adequate ventilation, especially in confined areas.
Personal Protection Equipment:	
respiratory:	No special protective equipment required
hands:	Wear laboratry gloves
eyes:	Wear laboratry spectacles
skin and body:	Wear laboratory coat

hygiene:	Use common laboratory hygiene and safety practice
Control of environmental exposure:	No special environmental precautions required

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Liquid
Odour:	Odourless
pH value:	7.4
Melting point:	No data available
Boiling point	No data available
Auto-ignition temperature:	No data available
Decomposition temparature:	No data available
Evaporation temperature:	No data available
Flammability (solid/gas):	No data available
Upper/Lower combustion limits:	No data available
Vapour pressure:	No data available
Density:	No data available
Water solubility:	This product is a water-based solution
Explosive properties:	Not appliable
Other information:	No data available

Section 10: Stability and reactivity

Reactivity:	Stable under normal conditions
Chemical stability:	Stable under recommended storage and use conditions
Conditions to avoid:	Avoid buildup of sodium azide in copper or lead plumbing. Thorough flushing of plumbing with water is recommended.
Incompatible materials:	Contact of sodium azide with heavy metals may form explosive azides. Contact of sodium azide with acids may liberate toxic gas.
Hazardous decomposition products:	In case of fire, carbon monoxide, carbon dioxide, nitrogen oxides, and hydrogen chloride gases. None under normal conditions

Section 11: Toxicological information

Information on toxicological effects

Acute and repeat dose effects:		No data available
Potential health effects		No data available
Inhalation:	Not determined.	May cause respiratory tract irritation, headache, dizziness, nausea or coughing.
Ingestion:	Not determined.	May cause irritation of the intestinal tract, nausea or vomiting
Skin:	Not determined.	May cause irritation, itching, redness or inflammation
Eyes:	Not determined.	May cause irritation, watering eyes, stinging or burning sensation
Chronic health effects		No data available
Corrosive:		No data available

Sensitisation:	No data available
Neurological effects:	No data available
Reproductive effects:	No data available
Carcinogenic effects:	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, potential, known, anticipated, or confirmed carcinogen by IARC, ACGIH, NTP, or OSHA.
Target organ effects:	No known effects on normal use conditions

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological information

Toxicity:	No known hazards at the low quantities in product
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Results of PBT and vPvB assessment:	No substance in this product are assessed to be a PBI or a vPvB
Other adverse effects:	No data available

Section 13: Disposal considerations

Product:	Dispose of according to local regulations and laws
Contaminated packaging:	Dispose of as unused product

Section 14: Transport information

DOT (US):	No dangerous goods
ADR/RID (road/rail):	No dangerous goods
ICOA/IATA (air):	No dangerous goods
IMDG (sea):	No dangerous goods

Section 15: Regulatory information

Safety, health and environmental regulations/ Legislation specific for the substance or mixture:	None
Chemical safety assessment:	No information available
EC 1907/2006, Annex XVII:	Not reported
EC 689/2008, Annex I:	Not reported
EC 689/2008, Annex V:	Not reported
EC 850/2004, amending Dir. 79/117/EEC:	Not reported
EC 1272/2008:	Labelled and classified
OSHA:	Not reported as hazardous
SARA 302 components (Section III):	Sodim Azide CAS No.26628-22-8
SARA 313 components:	Sodium Azide does not exceed the threashold (De Minimis) Reporting levels established by SARA Tite III, Section 313. No other components with CAS code.
SARA 311/312	No SARA hazards

Canada (DSL / NDSL):	All ingredients are on the inventory or exempt from listing
United States (TSCA):	All ingredients are on the inventory or exempt from listing

Section 16: Other information

For research use only.
Please read the instructions on the product data sheet and the terms and conditions on the product web page before use

The above information is believed correct to the best of our knowledge, but it may not be all-inclusive and it should be used as a guide only. Aeonian Biotech shall not be held liable for the use of this information, nor for any damage resulting from handling, or from direct contact with our products. This information does not constitute a warranty, expressed or implied, including any implied warranty of merchentability or fitness for any particular purpose.