

MATERIAL SAFETY DATA SHEET

SECTION 1 - Product and Company Information

Product name: Camelid VHH recombinant monoclonal antibody, clone 96A3F5
Company: Abnova (Taiwan) Corporation
Address: No. 326-8, Sec. 4, Zhongzheng Rd. Zhongli Dist., Taoyuan City 320 Taiwan.
Telephone: +886-3-4989228
Fax: +886-3-4989665, +886-3-4989695

SECTION 2 - Hazards Identification

Classification of the substance or mixture

This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC, 1272/2008 [CLP].

Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

Other hazards

None

SECTION 3 - Composition/Information on Ingredient

Mixtures

Component	CAS No.	EC No.	Index No.	Classification	Conc.
Sodium Azide < 0.1%	26628-22-8	247-852-1	011-004-00-7	Not hazardous at this concentration.	< 0.1 %

SECTION 4 - First aid measures

Description of first-aid measures

If Inhaled

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material.
Consult a physician if necessary.

In Case of Skin Contact

Rinse cautiously with water for several minutes. Immediate medical attention is not required.

In Case of Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

If Swallowed

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 - Fire fighting measures**Extinguishing media**Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special hazards arising from the substance or mixture

No data available.

Precautions for firefighters

Standard procedure for chemical fires.

SECTION 6 - Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Always wear recommended Personal Protective Equipment. Use personal protection equipment.

Environmental precautions

No special environmental precautions required.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material.

Reference to other sections

For required PPE see section 8. For disposal see section 13.

SECTION 7 - Handling and storage**Precautions for safe handling**

Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities

Store at -20°C.

SECTION 8 - Exposure Controls**Control parameters**

We are not aware of any national exposure limit.

Exposure controlsAppropriate Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific.

Eye / Face Protection:

Wear safety glasses with side shields (or goggles).

Skin Protection:

Use appropriate chemical resistant gloves (minimum requirement use standard BS EN 374:2003).

Gloves should be inspected before use. Wash and dry hands thoroughly after handling.

Body Protection:

Wear appropriate protective clothing.

Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - Physical and chemical properties**Information on basic physical and chemical properties**

Form Liquid

Appearance No data available

Odor No data available

Odor Threshold No data available

Boiling point / boiling range No data available

Melting point / melting range No data available

flash point: No data available

Autoignition Temperature No data available

Oxidizing properties No data available

Water solubility No data available

Other safety information

No data available

SECTION 10 - Stability and reactivity**Reactivity**

No data available.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

No data available.

Incompatible materials

No data available.

Hazardous decomposition products

No data available.

SECTION 11 - Toxicological information**Information on toxicological effects**

Mixture

Acute toxicity

No data available.

Skin corrosion/irritation

May cause irritation with susceptible persons.

Serious eye damage/eye irritation

May cause irritation with susceptible persons.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Specific target organ toxicity - single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.

Additional Information

No data available.

SECTION 12 - Ecological information**Toxicity**

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Persistence and degradability

Inherently biodegradable.

Bioaccumulative potential

Material does not bioaccumulate.

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

Other adverse effects

No data available

SECTION 13 - Disposal Considerations**Waste treatment methods**

Dispose of contents/containers in accordance with local regulations.

SECTION 14 - Transport information

Classified according to the criteria of the UN Model Regulations as reflected in the IMDG Code, ADR, RID, DOT and IATA

UN number

Does not meet the criteria for classification as hazardous for transport.

UN proper shipping name

Does not meet the criteria for classification as hazardous for transport.

Transport hazard class(es)

Does not meet the criteria for classification as hazardous for transport.

Packaging group

Does not meet the criteria for classification as hazardous for transport.

Environmental hazards

Does not meet the criteria for classification as hazardous for transport.

Special precautions for user

Does not meet the criteria for classification as hazardous for transport.

Further information

Does not meet the criteria for classification as hazardous for transport.

SECTION 15 - Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment

A Chemical Safety Assessment has not been made for this product.

SECTION 16 - Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Abnova shall not be held liable for any damage resulting from handling or from contact with the above product.