

# SAFETY DATA SHEET

Date Created 05/09/2022

Version 1.0

## Section 1-Identification of the substance/mixture and of the company/undertaking

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### 1.1 Identification of the substance or mixture

Product code : A02168

Product name : MonoRab™ Rabbit Anti-Humanized VHH Antibody [iFluor 488], mAb

### 1.2 Company/undertaking identification

GenScript Technologies : Manufacture of substances

### 1.3 24 hour Emergency Response:

Emergency Phone #: 1-732-885-9188

Telephone : 1-877-436-7274

Fax : 1-732-210-0262

E-mail address : [product@genscript.com](mailto:product@genscript.com)

Web : <http://www.genscript.com>

### 1.4 For Research Use Only. Not for use in diagnostic procedures.

## Section 2- Hazards identification

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### 2.1 GHS - Classification

#### Signal Word

None

#### Health hazards

Not classified

#### Physical hazards

Not classified

#### Hazard Statements

Not Applicable

#### Precautionary Statements

Not Applicable

### 2.2 Principle Routes of Exposure Potential Health Effects

#### Eyes

May cause eye irritation with susceptible persons.

#### Skin

May cause skin irritation in susceptible persons.

#### Inhalation

May be harmful by inhalation.

#### Ingestion

May be harmful if swallowed.

### 2.3 Specific effects

#### Carcinogenic effects

None.

#### Mutagenic effects

None.

#### Reproductive toxicity

None.

**Sensitization**

none

**Target Organ Effects**

No known effects under normal use conditions.

**2.4 HMIS**

|              |   |
|--------------|---|
| Health       | 0 |
| Flammability | 0 |
| Reactivity   | 0 |

**Section 3- Composition/information on ingredients**

| Chemical Name | CAS-No     | EINECS-No | Weight % |
|---------------|------------|-----------|----------|
| Sodium azide  | 26628-22-8 | 247-852-1 | 0.02     |

The classification was made according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**Section 4- First aid measures**

**4.1 Skin contact**

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

**4.2 Eye contact**

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

**4.3 Ingestion**

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

**4.4 Inhalation**

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

**4.4 Notes to Physician**

Treat symptomatically.

**Section 5- Firefighting measures**

**5.1 Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**5.2 Special protective equipment for firefighters**

Standard procedure for chemical fires.

**Section 6- Accidental release measures**

**6.1 Personal precautions**

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

**6.2 Methods for cleaning up**

Soak up with inert absorbent material.

### 6.3 Environmental precautions

No special environmental precautions required.  
See Section 12 for more information.

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## Section 7- Handling and storage

### 7.1 Handling

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

### 7.2 Storage

Store at -20°C.

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## Section 8- Exposure controls/personal protection

### 8.1 Exposure Limits

We are not aware of any national exposure limit.

### 8.2 Engineering measures

Ensure adequate ventilation, especially in confined areas.

### 8.3 Personal Protective Equipment

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

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Hand protection

Impervious gloves.

#### Eye protection

Wear safety glasses with side shields (or goggles).

#### Skin and Body Protection

Lightweight protective clothing.

#### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

### 8.4 Environmental exposure controls

No special environmental precautions required.

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## Section 9- Physical and chemical properties

### 9.1 General information

|                               |                   |
|-------------------------------|-------------------|
| 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 |

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|                          |                   |
|--------------------------|-------------------|
| flash point:             | No data available |
| Autoignition Temperature | No data available |
| Oxidizing properties     | No data available |
| Water solubility         | No data available |

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### 10.1 Stability

The product remains stable up to 1 year at -20 °C from date of receipt. Avoid repeated freezing and thawing cycles.

### 10.2 Materials to avoid

No dangerous reaction known under conditions of normal use.

### 10.3 Hazardous decomposition

None under normal use conditions.

### 10.4 Products polymerization

Hazardous polymerization does not occur.

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## Section 11-Toxicological information

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### 11.1 Acute Toxicity

No toxicology information is available.

### 11.2 Principle Routes of Exposure Potential Health Effects

|                       |  |
|-----------------------|--|
| eyes                  | May cause eye irritation with susceptible persons. |
| Skin                  | May cause skin irritation in susceptible persons.  |
| inhalation            | May be harmful by inhalation.                      |
| Ingestion             | May be harmful if swallowed.                       |
| Carcinogenic effects  | None.  |
| Mutagenic effects     | None.  |
| Reproductive toxicity | None.  |
| Sensitization         | None.  |

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## Section 12- Ecological information

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### 12.1 Ecotoxicity

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

### 12.2 Mobility

No information available.

### 12.3 Biodegradation

Inherently biodegradable.

### 12.4 Bioaccumulation

Material does not bioaccumulate.

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## Section 13- Disposal considerations

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Dispose of contents/containers in accordance with local regulations.

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## Section 14- Transport information

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### 14.1 IATA

|                             |   |
|-----------------------------|---|
| <b>Proper Shipping Name</b> | No dangerous good in sense of these transport regulations |
| <b>Hazard Class</b>         | None  |
| <b>Subsidiary class</b>     | None  |
| <b>Packing group</b>        | None  |
| <b>UN-No</b>                | None  |

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## Section 15- Regulatory information

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### 15.1 US Federal Regulations

#### SARA 313

This product is not regulated by SARA.

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs.

### 15.2 US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### 15.3 WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

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## Section 16- Other information

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### 16.1 Reason for revision

SDS sections updated.

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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