

# SAFETY DATA SHEET

Date Created 09/10/2018

Version 1.0

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

### 1.1 Identification of the substance or mixture

Product code : V03002-100T

Product name : Human CD8 Antibody (M8A16) [PE], mAb, Mouse

### 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 : [ivd@genscript.com](mailto:ivd@genscript.com)Web : <http://www.genscript.com>

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

## Section 2- Composition/Information on ingredients

### 2.1 Chemical characterization

Mixtures

### 2.2 Description

Mixture of the substances listed below with nonhazardous additions.

| Chemical Name | CAS-NO.    | EINECS-NO.   | Weight% |
|---------------|------------|--------------|---------|
| ProClin 300   | 55965-84-9 | 613-267-00-5 | 0.03    |

Classification: ProClin 300 < 0.1%. Not hazardous at this concentration. The classification was made according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

## Section 3- Hazards identification

### 3.1 GHS - Classification

#### Signal Word

Warning

#### Health hazards

Not classified

#### Physical hazards

Not classified

#### Hazard Statements

Not Applicable

#### Precautionary Statements

Do not breathe gas/fumes/vapor/spray;

Wear suitable protective clothing;

This material and its container must be disposed of as hazardous waste.

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**Information about any unclassified hazards**

None

**3.2 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   |

**3.3 Specific effects****Carcinogenic effects**

None

**Mutagenic effects**

None

**Reproductive toxicity**

None

**Sensitization**

None

**Target Organ Effects**

No known effects under normal use conditions.

**3.4 HMIS**

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

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**Section 4- First aid measures****4.1 Skin contact**

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

**4.2 Eye contact**

Rinse cautiously with running 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.

**4.5 Notes to Physician**

Treat symptomatically.

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**Section 5- Firefighting measures**

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### 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.

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## 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. Ensure adequate ventilation.

### 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 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

### 7.3 Information about protection against explosions and fires

No special measures required.

### 7.4 Requirements to be met by storerooms and receptacles

Stored at 4°C and protected from prolonged exposure to light. **Do not freeze.**

### 7.5 Information about storage in one common storage facility

Do not store together with oxidizing and acidic materials as well as heavy-metal compounds. Store in cool, dry conditions in well sealed containers.

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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.

## **Section 9- Physical and chemical properties**

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### **9.1 General information**

|                   |  |
|-------------------|--|
| Form              | Liquid                                     |
| Odor              | Characteristic                             |
| Color             | Colorless                                  |
| pH-value (25 °C)  | 7.4  |
| Organic solvents  | 0.0%                                       |
| Water             | 99.6%                                      |
| Solids content    | 0.1%                                       |
| Other information | No further relevant information available. |

## **Section 10- Stability and reactivity**

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### **10.1 Stability**

The reagent is stable until the expiration date when stored as directed.

### **10.2 Materials to avoid**

Strong oxidizers, acidic material and metals.

### **10.3 Hazardous decomposition**

None under normal use conditions.

### **10.4 Products polymerization**

Hazardous polymerization does not occur.

## **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

|                             |  |
|-----------------------------|--|
| <b>12.1 Ecotoxicity</b>     | Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. |
| <b>12.2 Mobility</b>        | No information available   |
| <b>12.3 Biodegradation</b>  | Inherently biodegradable   |
| <b>12.4 Bioaccumulation</b> | Material does not bioaccumulate.   |

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## Section 13- Disposal considerations

Dispose of contents/containers in accordance with local regulations.

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## Section 14- Transport information

### 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

### 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 contain 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 SDS contains all the information required by the CPR.

## Section 16- Other information

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### 16.1 Reason for revision

SDS sections updated.

**For Research Use Only. Not for use in diagnostic or therapeutic procedures.**

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