

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 : V02704-100T

Product name : Human CD4 Antibody (M5A8) [Biotin], 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.comWeb : <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.

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

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.

Section 5- Firefighting measures

5.1 Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). 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. Ensure adequate ventilation.

6.3 Environmental precautions

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

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.

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

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

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

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

Section 12- Ecological information

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.

Section 13- Disposal considerations

Dispose of contents/containers in accordance with local regulations.

Section 14- Transport information

14.1 IATA

Proper Shipping Name	No dangerous, good in sense of these transport regulations
Hazard Class	None
Subsidiary class	None
Packing group	None
UN-NO.	None

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

16.1 Reason for revision

SDS sections updated.

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

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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