

Material Safety Data Sheet

Section 1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier:

Product Name: Rabbit Anti-Human IgG Fc Antibody;HRP conjugated
Product Code: MBS719658
Product Form: Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses For Research Use Only.

1.3 Details of the company of the safety data sheet:

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Section 2 Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

2.3 Other hazards

None know

Section 3 Composition, Information on Ingredients

3.1 Mixtures

Component	%	CAS No.	EINECS No.	MDL No.
Glycerol(C ₃ H ₈ O ₃)	50%	56-81-5	200-289-5	MFCD00004722
Proclin 300 Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	0.03%	55965-84-9	613-167-00-5	MFCD01716911
Sodium chloride(NaCl)	0.79%	7647-14-5	231-598-3	MFCD00003477
Sodium phosphate dibasic (Na ₂ HPO ₄)	0.18%	7558-79-4	231-791-2	MFCD00003496
Dihydrogen potassium phosphate(KH ₂ PO ₄)	0.024%	7778-77-0	231-913-4	MFCD00011401
Potassium chloride (KCl)	0.02%	7447-40-7	231-211-8	MFCD00011360

Section 4 **First Aid Measures**

4.1 **Description of First Aid Measures**

- Eyes: If in eyes, rinse cautiously with water for several minutes.
- Skin: If on skin, wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs get medical advice
- Ingestion: Wash out mouth with water.
- Inhalation: Remove from exposure to fresh air.

4.2 **Most important symptoms and effects, both acute and delayed**

May cause skin sensitization in certain individuals

4.3. **Indication of any immediate medical attention and special treatment needed**

None known

Section 5 **Firefighting Measures**

5.1 Extinguishing media

Use water spray, alcohol resisting foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NO_x), Sulphur oxides, Hydrogen chloride gas
Carbon oxides, Nitrogen oxides (NO_x), Sulphur oxides, Hydrogen chloride gas

5.3 Advice for firefighters

As in any fire wear self-contained breathing apparatus and full protective gear.

Section 6 **Accidental Release Measures**

6.1. Personal precautions, protective equipment and emergency procedures

Use appropriate personal protective equipment to avoid contact with skin and eyes

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13

Section 7 **Handling & Storage**

7.1. Precautions for safe handling

Wear Personal Protective Equipment. Avoid contact with clothing, skin and eyes. Wash hands thoroughly after handling. Remove contaminated clothing and wash before re-use.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place.

7.3. Specific end use(s)

For laboratory use

Section 8 Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits

This product does not contain any hazardous materials with occupational exposure limits

8.2 Exposure Controls

Engineering Measures

Ensure adequate ventilation. Avoid prolonged or repeated exposure.

Personal Protective Equipment:

Eye protection:	Wear safety glasses (EU standard – EN166)
Hand protection:	Wear disposable nitrile gloves (EU standard EN 374) Skin
protection:	Wear laboratory protective clothing with long sleeves

Section 9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

a) Appearance:	Liquid
b) Odour:	Odorless
c) Odour threshold:	Not applicable
d) pH:	No data available
e) Melting point/freezing point:	No information available
f) Initial boiling point and boiling range:	No information available
g) Flash point:	Not applicable
h) Evaporation point:	Not applicable
i) Flammability (solid/gas):	Not applicable
j) Explosive limits:	Not applicable
k) Vapour pressure:	No information available
l) Vapour density:	No information available
m) Relative density:	No information available
n) Solubility:	No information available
o) Partition coefficient (n-octanol/water):	No information available
p) Autoignition temperature:	No information available
q) Decomposition temperature:	No information available
r) Viscosity:	No information available
s) Explosive properties:	Not applicable
t) Oxidising properties:	Not applicable

9.2 Other information

No data available

Section 10 **Stability and Reactivity**

10.1 Reactivity

None known.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

None know

Section 11 **Toxicological Information**

11.1 Information on toxicological effects

- a) **Acute toxicity:** No data available
- b) **Irritation:** No data available
- c) **Corrosivity:** No data available
- d) **Sensitisation:** Skin Sensitiser
- e) **Repeated dose toxicity:** No data available
- f) **Carcinogenicity:** No data available
- g) **Mutagenicity:** No data available
- h) **Toxicity for reproduction:** No data available

Section 12 **Ecological Information**

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

None known

Section 13 Disposal Considerations

13.1 Waste treatment methods

Dispose of product in accordance with local regulations.

Section 14 Transport Information

This product is not classified as hazardous for transport.

Section 15 Regulatory Information

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

This safety datasheet complies with the requirements of Regulation (EC) No 1272/2008 [EU-GHS/CLP]

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for this mixture

Section 16 Other Information

This safety data sheet complies with the requirements of Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Key to abbreviations used:

CAS	Chemical Abstracts Service
EINECS	European Inventory of Existing Commercial Substances
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
PBT	Persistent, Bio-accumulative, Toxic vPvB
	very Persistent, very Bio-accumulative
PPE:	Personal Protective Equipment

Further information:

The information provided in this safety data sheet is believed to be correct and is provided as a guide for safe handling, use, storage and disposal by the user of the specific product shown. MyBioSource, Inc., shall not be held liable for any damage resulting from handling or from contact with the product