



60022 - Anti-Human CD8a Antibody, Clone RPA-T8

Revision Date 10-Jul-2018 Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier		
Product Name	Anti-Human CD8a Antibody, Clone RPA-T8	
Other means of identification		
Catalog Number	60022	
Document Number	DX22606	
Synonyms	None	
Recommended use of the chemica	and restrictions on use	
Recommended Use	Laboratory reagent	
STEMCELL TECHNOLOGIES INC.'S QUALITY MANAGEMENT SYSTEM IS CERTIFIED TO ISO 13485. PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.		
Details of the supplier of the safety	data sheet	
<u>Manufacturer/Supplier</u> STEMCELL Technologies Canada Inc. Suite 500 - 1618 Station Street Vancouver, British Columbia V6A 1B6 Canada		
Emergency telephone number		
Emergency Telephone1-800-667-0322		
2. HAZARDS IDENTIFICATION		
Classification		
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)		
Hazards not otherwise classified (HNOC)		

Not applicable

Label elements

Hazard statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)





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The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Clear

Physical state Liquid

Odor No information available

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Other Information

Not applicable

Unknown acute toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.





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Most important symptoms and effects, both acute and delayed		
Symptoms No information available.		
Indication of any immediate medica	I attention and special treatment needed	
Note to physicians	Treat symptomatically.	
5. FIRE-FIGHTING MEASURES		
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.	
Specific hazards arising from the chemical	No information available.	
Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.		
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.	

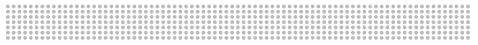
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Environmental precautionsSee Section 12 for additional Ecological Information.Environmental precautionsSee Section 12 for additional Ecological Information.Methods and material for containmentand cleaning upMethods for containmentPrevent further leakage or spillage if safe to do so.Methods for cleaning upPick up and transfer to properly labeled containers.Prevention of secondary hazardsClean contaminated objects and areas thoroughly observing environmental regulations.





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7. HANDLING AND STORAGE Precautions for safe handling Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Conditions for safe storage, including any incompatibilities Keep containers tightly closed in a dry, cool and well-ventilated place. **Storage Conditions** 8. EXPOSURE CONTROLS/PERSONAL PROTECTION Control parameters This product, as supplied, does not contain any hazardous materials with occupational **Exposure Limits** exposure limits established by the region specific regulatory bodies. Appropriate engineering controls **Engineering controls** Showers Eyewash stations Ventilation systems. Individual protection measures, such as personal protective equipment Eye/face protection No special protective equipment required. Skin and body protection No special protective equipment required. **Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties Physical state Liquid





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Appearance Color Odor **Odor threshold**

Property_	Values
pH	No data avai
Melting point / freezing point	No data avai
Boiling point / boiling range	No data avai
Flash point	No data avai
Evaporation rate	No data avai
Flammability (solid, gas)	No data avai
Flammability Limit in Air	
Upper flammability limit:	No data avai
Lower flammability limit:	No data avai
Vapor pressure	No data avai
Vapor density	No data avai
Relative density	No data avai
Water solubility	No data avai
Solubility in other solvents	No data avai
Partition coefficient	No data avai
Autoignition temperature	No data avai
Decomposition temperature	No data avai
Kinematic viscosity	No data avai
Dynamic viscosity	No data avai
Explosive properties	No information
Oxidizing properties	No information
Other Information	
Softening point	No information
Molecular weight	No information
Molecular formula	No information

VOC Content (%) **Liquid Density Bulk density**

Clear No information available No information available No information available

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Remarks • Method

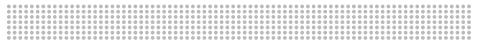
None known None known None known None known None known None known None known

None known None known None known None known None known None known None known None known None known None known

10. STABILITY AND REACTIVITY

	Reactivity No information available.		
	Chemical stability	stability Stable under normal conditions.	
Possibility of hazardous reactions None under normal processing.		None under normal processing.	
Conditions to avoid None known based on information supplied.		None known based on information supplied.	
Incompatible materials None known based on information supplied.		None known based on information supplied.	
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11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact Specific test data for the substance or mixture is not availa	
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

0 % of the mixture consists of ingredient(s) of unknown toxicity Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.





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STOT - single exposureNo information available.STOT - repeated exposureNo information available.Aspiration hazardNo information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	
Persistence and degradability	No information available.
Bioaccumulation	There is no data for this product.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods		
Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.	
Contaminated packaging	Do not reuse empty containers.	
US EPA Waste Number	P105	

14. TRANSPORT INFORMATION

DOT	Not regulated
TDG	Not regulated
MEX	Not regulated
ICAO (air)	Not regulated
IATA_	Not regulated





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IMDG	Not regulated

<u>RID</u> Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories	
TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories	
Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA





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This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

US State Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water	-	-	Х
7732-18-5			
Sodium Phosphate Dibasic	Х	Х	Х
7558-79-4			
Sodium Azide	Х	Х	Х
26628-22-8			

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Prepared By,	Quality Control. STEMCELL Technologies Canada Inc.
Revision Date	10-Jul-2018
Revision Note	No information available.

Revision Note Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. STEMCELL Technologies Inc. shall not be held liable for any damage resulting from handling or from contact with the product.

End of Safety Data Sheet