



Safety Data Sheet Non-Hazardous Products

Doc ID:	Effective Date: 02/04/2021	Version: 1.0
Product Type: Concentrated, Conjugated and Diluted Antibodies		
Product Name: CD4 Antibody, Clone EP204		Catalog #: SAM-RM27-2, RM27-10

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

2mL plastic microcentrifuge tube filled with 0.5mL or 1mL of liquid reagent.

1.3 Manufactured for:

StatLab Medical Products
2090 Commerce Drive
McKinney, TX 75069
Tel: (800) 442-3572

1.4 Emergency telephone number

CHEMTREC® 1-800-424-9300 (USA & Canada)
CHEMTREC® 703-527-3987 (International)
Non-transport: 972-436-1010 (USA)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

OSHA/HCS status While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and others users of this product.

2.2 Label elements

Signal Word No signal word.
Pictogram Not applicable.
H-Statements No known significant effects or critical hazards.
P-Statements Not applicable.
EUH-Statements Not applicable.
Other hazards None

SECTION 3: Composition/information on ingredients

Substance/mixture: Mixture

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

If inhaled Move to well-ventilated area and seek medical attention if needed. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.

If on skin Immediately flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If pain or irritation occurs, obtain medical attention.

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If in eyes	Immediately wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occurs, obtain medical attention.	
If swallowed	Rinse mouth with water. Immediately seek medical attention and call poison control center.	
Self-protection of the first aider	N/A	
Most important symptoms and effects, both acute and delayed	N/A	
Indication of any immediate medical attention and special treatment needed	N/A	

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Extinguish using suitable agents
Unsuitable extinguishing media	N/A

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	No combustion products posing significant hazards are expected from this product (a dilute aqueous solution).
Other information	N/A

5.3 Advice for firefighters

Wear protective clothing containing self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Protective equipment	Ensure adequate ventilation Eye Protection: Wear goggles or safety glasses Hand protection: Wear latex or vinyl gloves Other protective equipment: Use lab coat or apron to prevent contact with eyes, skin and clothing
Emergency procedures	N/A
For emergency responders	N/A

6.2 Environmental precautions

Do not allow to enter sewage system

6.3 Methods and material for containment and cleaning up

For containment	N/A
For cleaning up	Use universal precautions during clean up procedures. As a precautionary measure, treat spilled material with a 1:10 bleach/water solution. Use liquid absorbent material to absorb liquid and place in container suitable for disposal. Avoid generation of aerosols during clean up. Comply with applicable waste disposal regulations.
Other information	N/A
Reference to other sections	N/A

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire	N/A
Measures to prevent aerosol and dust generation	N/A
Measures to protect the environment	N/A
Advice on general occupational hygiene	Universal precautions should be followed when using this product. Wear personal protective equipment. Ensure adequate ventilation. Do not breathe vapors or spray mist. Avoid contact with skin and eyes. Do not ingest. Do not eat, drink when handling this product, and wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	Store at 2°C to 8°C
Packaging materials	N/A
Requirements for storage rooms and vessels	N/A
Storage class	N/A
Other information	N/A

7.3 Specific end use(s)

Recommendations	N/A
Industrial sector specific solutions	N/A

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

8.2 Exposure controls

Respiratory Protection	Use in well-ventilated laboratory
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure
Eye/face Protection	Wear appropriate protective eyeglasses or chemical safety goggles
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice

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SECTION 9: Physical and chemical properties

Appearance	Clear, Liquid
Odor	Odorless
Odor Threshold	N/A
pH	7.5
Melting Point/ Freezing Point	N/A
Initial Boiling Point/ Freezing Point	N/A
Flash Point	N/A
Evaporation Rate	N/A
Flammability	N/A
Upper/Lower Flammability or Explosive Limits	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Relative Density	~1g/mL
Solubility	N/A
Partition Coefficient: n-octanol/water	N/A
Auto-Ignition Temperature	N/A
Decomposition temperature	N/A
Viscosity	N/A
Explosive Properties	N/A
Oxidizing Properties	N/A
Other Information	N/A

Section 10: Stability and Reactivity

Reactivity	N/A
Chemical Stability	Stable under recommended storage conditions
Possibility of Hazardous Reactions	N/A
Conditions to Avoid	Strong prolonged heat and contact with incompatible materials
Incompatible Materials	Strong Acids Strong Bases Strong Oxidizers Metals and Metallic compounds Sodium Azide forms explosive compounds with heavy metals. Repeated contact of low concentrations of azide with lead and copper commonly found in plumbing drains result in the buildup of shock sensitive compounds.
Hazardous Decomposition Products	N/A

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SECTION 11: Toxicological Information

Acute dose effects	No data available
Repeat does effects	No data available
Skin irritation	Not determined
Skin and respiratory sensitization	Not determined
Eye irritation	Not determined
Carcinogenicity	No component of this product present at level greater than or equal to 0.1% is identified as a probable, possible, potential, known, anticipated, or confirmed carcinogen by IARC, ACGIH, NTP, or OSHA.
Mutagenicity	No data available
Reproductive effects	No data available
Developmental effects	No data available
Target organ effects	No data available
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated at product concentrations.	

SECTION 12: Ecological Information

Toxicity	Preservatives normally are toxic for aquatic organisms when using pure substances. No ecological problems are to be expected when this product is handled and used with care and attention.
Persistence and Degradability	N/A
Bioaccumulative potential	N/A
Mobility in Soil	N/A
Results of PBT and vPvB Assessment	N/A
Other Adverse Effects	N/A

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information.

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SECTION 14: Transport Information

Un Number	N/A
Un Proper Shipping Name	N/A
Transport Hazard Class (es)	N/A
Packing Group	N/A
Environmental Hazards	N/A
Special Precautions for User	N/A
Transport in Bulk according to Annex II of MARPOL73/78 and the IBC Code	N/A

SECTION 15: Regulatory Information

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

The product does not contain a hazardous ingredient in an amount that requires identification and labeling according to EC directives.

15.2 Chemical Safety Assessment

N/A

SECTION 16: Other Information

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information of their particular purpose.