

CD68 antibody

Cat#: orb197999 (MSDS)

1. Product and Company Identification

Product Name: CD68 Antibody

Product Number: orb197999

2. Composition and Information on Hazardous Ingredients

Antibodies are from animal source as specified on product PDF datasheet. To properly use biorbyt MSDS, please refer to product PDF datasheet to determine the exact attribute descriptions (i.e. exact concentrations of preservatives) and then refer to the appropriate safety regulation written below.

Component: Antibody Preservative

Chemical Name: Sodium Azide

% Conc.: 0.09%

CAS#: 26628-22-8

EC#: 247-852-1

Classification (pure ingredient): T+: R28, R38; N: R50/53

Component: Antibody Preservative

Chemical Name: Gentamicin Sulphate

% Conc.: 0.01%

CAS# 1405-41-0

EC#: 215-778-9

Classification (pure ingredient): R42/43, S45; 36/37/39; 22

3. Hazards Identification and Description

This product contains no hazardous constituents, or the concentrations of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29CFR 1910.1200 and the European Directive 91/155/EEC.

Classification System: The classification was made according to the latest editions of the international substances list, and expanded upon from company and literature data.

Emergency Overview:

OSHA Hazards: No known OSHA hazards

GHS Classification: Acute aquatic toxicity (Category 3)

GHS Label Elements Including Precautionary Statements:

Picogram: none

Signal Word: none

Hazard Statement(s): H402 Harmful to aquatic life

Precautionary Statement(s): none

HMIS Classification:

Health Hazard: 0

Flammability: 0

Physical Hazards: 0

NFPA Rating:

Health Hazard: 0

Fire: 0

Reactivity Hazards: 0

Potential Health Effects:

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

4. First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if needed.

Skin Contact: Wash off with soap and plenty of water. Remove all contaminated personal protective equipment. Seek medical attention if needed.

Eyes: Flush eyes with water as a precaution. Seek medical attention if needed.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. Seek medical attention if needed.

5. Firefighting Measures

Conditions of flammability: Not flammable or combustible.

Suitable extinguishing media: Use carbon dioxide, extinguishing powder, water spray, or alcohol-resistant foam.

Special protective equipment for firefighters: No special measures required.

6. Accidental Release Measures

Personal precautions: Not required.

Environmental precautions: Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal.

7. Handling and Storage

Information for safe handling: No special measures required.

Information about protection from explosions and fires: No special measures required.

Recommended storage temperature: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Conditions for safe storage: Store away from oxidizing agents.

8. Exposure Controls and Personal Protection

This product does not contain any substances with occupational hazard exposure limit values.

Personal protective equipment: General protective and hygienic measures: The usual precautions for handling chemicals should be followed.

Respiratory protection: Respiratory protection not required. In case of brief exposure, use a chemical fume hood or a type OV/AG (US) or type AHEK (EU EN 14387) respirator cartridges.

9. Disclaimer

The information contained in this MSDS is believed to be correct, but it may not be all encompassing or foresee every situation. This is intended for trained end users, and the burden of safe use of the material described here rests entirely with the end user. Biorbyt makes no warranty, express or implied, and shall not be held liable for any damage or injury resulting from the handling of the materials described.