

MATERIAL SAFETY DATA SHEET

Date of print: April 2012

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Product name: SAA control kit REF VT1700

Manufacturer/supplier identification

Company: Eurolyser Diagnostica GmbH
Bayernstraße 11a, A-5020 Salzburg, Austria
Contact for information: Phone: +43 (0)662 432100
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2. Composition/Information on ingredients

Substance / Preparation

Preparation

Chemical nature

Recombinant SAA antibody 1mL x 6 (6 concentrations)

Composition

2-methoxyethanol 20 vol%
CAS No.: 109-86-4
Molecular Weight: 76.09
Chemical Formula: CH₃OC₂H₄OH

3. Hazards identification

2-methoxyethanol

Classification

Acute toxicity

Adverse human health effects

Causes eye, nose, throat and skin irritation. If absorbed or swallowed, it causes stomachache, shortness of breath or loss of consciousness. May cause pulmonary edema.

Environmental effects

Not applicable

Physical and chemical hazards

Not applicable

4. First aid measures

Skin Contact

Wash with plenty of water. If skin irritation occurs, seek medical advice/attention.

Eye Contact

Wash with plenty of water immediately. If eye irritation persists, get medical advice/attention.

Ingestion

Wash your mouth with plenty of water. If you feel unwell, seek medical advice/treatment.

Inhalation

Move the victim to fresh air, keep rest and warm. Get medical attention immediately.

5. Fire-fighting measures**Extinguishing Media**

Water, powder, CO₂, foam, dried sand

Specific methods

Using water, powder, CO₂ or other extinguishing media, extinguish the fire from the windward side.

6. Spill or leak procedures**Personal Precautions**

Wear proper protective equipment as needed.

Methods for cleaning up

Wipe up the solution with a waste, disposable cloth or sand. Then wash it away with a large volume of water.

7. Handling and storage**Handling**

Do not subject to rough handling such as being placed upside down or strong impact. Avoid leaking or spilling. Avoid contact with skin. Rinse it out with large volume of running water if reagents on skin, in eye or mouth.

Storage

Use the reagents as quickly as possible after they are opened. Store them in cool, dark location at 2 - 8°C. Keep cool and avoid sunlight. Keep container tightly closed. Avoid contact with air.

8. Exposure controls/personal protection**2-methoxyethanol****Control concentration**

5ppm

Tolerance concentration

5ppm

Engineering measures

When use large number of the reagents, the spot of operation is well equipped with ventilation facilities.

Personal protective equipment

Use personal protective equipment to avoid contact with eyes, mouth, skin, and clothing.

9. Physical and chemical properties

Physical state

Liquid

Color

Clear and colorless

10. Stability and reactivity

Inflammability

Not applicable

Ignitability

Not applicable

Flashpoint

Not applicable (The reagents do not catch fire at 100°C degree.)

Stability, Reactivity

It is stable under ordinary usage and storage condition.

11. Toxicological information

2-methoxyethanol

Acute toxicity

Oral; Rat; LD50=2,460mg/kg

Irritativensess

Skin irritation; Rabbit; 483mg/kg; 24hours; slightness

Chronic toxicity

The reagents might harm hematopoietic organ and cause hemopathy.

Carcinogenicity

Not available

12. Ecological information

Fish toxicity

Not available

Degradability

It is estimated that degradability of this chemical material is good.

13. Disposal considerations

Refer to the section of 'ACCIDENTAL RELEASE MEASURES' and 'HANDLING AND STORAGE'.

Purify waste solution by activated sludge treatment and so on, after that dispose of it.

Dispose the package of the product in accordance with local disposal regulations.

14. Transport information

During transportation, be sure the container has no leakage, not placed upside down, well packed up as to not collapse and crash on the floor and have any cracks. The temperature of transportation should be 2 - 8°C.

15. Regulatory information

2-methoxyethanol

UN No. 1188

Class 3

16. Other information

The information provided here has been created based on materials, information, and data that are currently available. This information does not represent a guarantee of any kind, and may be revised at any time without notice. The precautions listed here assume normal handling conditions. Therefore for cases of special handling, carry out safety measures as appropriate for the application and method of use before attempting to use the substance. Some chemical hazards cannot be anticipated. Therefore, exercise prudent caution when handling the substance.

NOTE

The descriptions connected with 2-methoxyethanol on this sheet are information about 2-methoxyethanol itself.

The concentration of 2-methoxyethanol in this product is 20 vol%, therefore, it is not harmful under actual use.
