

TREVIGEN[®]

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL IDENTIFICATION

PRODUCT NAME: Streptavidin-AMCA

CATALOG NUMBER: 4887-100-03

Hazards identified with this product are those associated with the following component(s). Refer to the material safety data sheet for the listed item(s).

components: Thimerosal
Sodium Azide

The physical, chemical, and toxicological properties of the product(s) may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling any reagent(s). Trevigen assumes no liability for damage resulting from handling or contact with the above product(s).

SECTION 1: CHEMICAL IDENTIFICATION

PRODUCT NAME: Streptavidin-AMCA

CATALOG NUMBER: **4887-100-03**

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

0.05 % Thimerosal CAS#: 54-64-8
EC NO: 200-210-4

SECTION 3: HAZARDS IDENTIFICATION

Label Precautionary Statements for concentrated thimerosal

HIGHLY TOXIC (USA)

VERY TOXIC (EU)

VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.

Danger of cumulative effects,

May cause sensitization by inhalation and skin contact

Irritating to eyes, respiratory system and skin.

TARGET ORGAN(S): Nerves
Kidneys

SECTION 4: FIRST-AID MEASURES

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes while removing contaminating clothing and shoes.

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen.

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Wash contaminated clothing before reuse.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Water spray.

Carbon dioxide, dry chemical powder or appropriate foam.

Special fire fighting procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards

Emits toxic fumes under fire conditions

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete

SECTION 7: HANDLING AND STORAGE

CONTINUED ON NEXT PAGE

Refer to section 8.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles.
Compatible chemical-resistant gloves.
NIOSH/MSHA-Approved respirator
Safety shower and eye bath.
Mechanical exhaust required.
Avoid inhalation
Avoid contact with eyes, skin and clothing.
Avoid prolonged or repeated exposure.
Wash thoroughly after handling.
Keep tightly closed.
Store in a cool dry place.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor.
Colorless and odorless liquid.

SECTION 10: STABILITY AND REACTIVITY

Stable
Hazardous combustion or decomposition products.
toxic fumes of carbon monoxide, carbon dioxide sulfur oxides, Mercury/mercury oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

no data available for at this concentration

Acute effects
May be fatal if inhaled, swallowed or absorbed through skin causes eye and skin irritation.
May cause allergic reaction.
Target organs: Nerves, kidneys.

SECTION 12: ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS

Hand over to hazardous material waste disposers
Observe all federal, state, and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Contact Trevigen for transportation information

CONTINUED ON NEXT PAGE

SECTION 15: REGULATORY INFORMATION

European Information

Caution: substance not fully tested.

SECTION 16: OTHER INFORMATION

The above information is believed to be correct, however, the physical, chemical, and toxicological properties of the product may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling this product. Trevigen assumes no liability for damage resulting from handling or contact with the above product.

SAFETY DATA SHEET

SECTION 1: CHEMICAL IDENTIFICATION

PRODUCT NAME:

CATALOG NUMBER:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

0.01% Sodium Azide : #CAS 26628-22-8
EC NO: 247-852-1

SECTION 3: HAZARDS IDENTIFICATION

Label Precautionary Statements

HIGHLY TOXIC (USA)

VERY TOXIC (EU)

VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.

Danger of cumulative effects,

May cause sensitization by inhalation and skin contact

Irritating to eyes, respiratory system and skin.

TARGET ORGAN(S): Nerves
 Kidneys

SECTION 4: FIRST-AID MEASURES

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminating clothing and shoes.

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen.

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Wash contaminated clothing before reuse.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Water spray.

Carbon dioxide, dry chemical powder or appropriate foam.

Special fire fighting procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards: emits toxic fumes under fire conditions

SECTION 6: ACCIDENTAL RELEASE MEASURES

SECTION 7: HANDLING AND STORAGE

No special measures required. Refer to section 8.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear: lab coat

Chemical safety goggles.

Compatible chemical-resistant gloves.

Safety shower and eye bath.

Mechanical exhaust may be required under certain conditions or if discomfort to workers is detected.

Avoid contact with eyes, skin and clothing.

Wash hands thoroughly after handling.
Keep tightly closed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

clear fluid odorless

SECTION 10: STABILITY AND REACTIVITY

Stable

Hazardous combustion or decomposition products.

toxic fumes of carbon monoxide, carbon dioxide sulfur oxides, Mercury/mercury oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

no data available for at this concentration

Acute effects

May be fatal if inhaled, swallowed or absorbed through skin causes eye and skin irritation.

May cause allergic reaction.

Target organs: Nerves, kidneys.

SECTION 12: ECOLOGICAL INFORMATION

Data not available

SECTION 13: DISPOSAL CONSIDERATIONS

Hand over to hazardous material waste disposers

Observe all federal, state, and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Contact Trevigen for transportation information.

SECTION 15: REGULATORY INFORMATION

Not regulated at this concentration

SECTION 16: OTHER INFORMATION

The above information is believed to be correct, however, the physical, chemical, and toxicological properties of the product may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling this product. Trevigen assumes no liability for damage resulting from handling or contact with the above product.