

Safety Data Sheet

For Detecting Antibody Diluent

IDENTIFICATION

Supplier: Affinity Biologicals Inc.
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Ancaster, ON L9G 4V5 Canada
Telephone: 905-304-9896, 1-800-903-6020 (in Canada and the United States)
Fax: 905-304-9897
Emergency Telephone: 905-304-9896 (EST 8:30 a.m. – 5:00 p.m.)
After hours contact your local poison control centre

Product Name: Detecting Antibody Diluent

Catalogue Number: Detecting antibody component of FVIII-AG-RUO, FIX-AG-RUO, TAFI-AG, FVIII-AG, FIX-AG, FVII-AG, FXI-AG and FX-AG

Product use: Visulize™ FVIII-AG-RUO: For *In vitro* research use only
Visulize™ FIX-AG-RUO: For *In vitro* research use only
Visulize™ TAFI-AG: For *In vitro* research use only
Visulize™ FVII-AG: For *In vitro* research use only
Visulize™ FXI-AG: For *In vitro* research use only
Visulize™ FX-AG: For *In vitro* research use only
Visulize™, FVIII-AG: For *In vitro* diagnostic use
Visulize™, FIX-AG: For *In vitro* diagnostic use

HAZARDS IDENTIFICATION

Non-hazardous liquid. This product is non-flammable. May cause eye irritation (mild to severe) in some individuals. Potential environmental effects are not available.

COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient: Proprietary formulation

Hazards Identification: Though complete toxicity information is not available, none of its components are known to be toxic or hazardous at use concentrations. Product is an aqueous, protein-containing mixture which contains the mercury-free preservatives methylisothiazolone (0.01%) and bromonitrodioxane (0.01%) and 10ppm Proclin 300, which can produce adverse health effects in their concentrated forms. For more specific toxicity information on these components, refer to SDSs available from Sigma-Aldrich.

CAS registry number: Not applicable

LD₅₀ (species and route): Not available

LC₅₀ (species and route): Not available

FIRST AID MEASURES

Eye Contact: Flush thoroughly with water or normal saline, lifting the upper and lower lids occasionally, until no evidence of chemical remains (~15 minutes). Seek medical advice if irritation develops.

Skin Contact: Remove contaminated clothing and wash with water and soap. No adverse acute effects are expected via this route of entry.

Inhalation: No special first aid measures necessary; inhalation or aspiration unlikely

Ingestion: No data on ingestion of the material is available. Extremely large oral doses may cause gastrointestinal disturbance. If swallowed, contact medical staff or poison control to determine if any immediate response or follow-up actions are recommended.

FIRE FIGHTING MEASURES

Conditions of flammability: Non-flammable

Means of extinction - suitable: Use extinguishing media appropriate for surrounding fire conditions

Means of extinction - not suitable: Not available

Protective Equipment: When extinguishing fires use breathing apparatus with an independent source of air

Upper flammable limit: Not available
Lower flammable limit: Not available
Flash Point and method of determination: Not available

FIRE FIGHTING MEASURES CONTINUED

Auto-ignition temperature: Not available
Hazardous combustion products: Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides
Explosion data-sensitivity to mechanical impact: Not available
Explosion data-sensitivity to static charge: Not available
Special risks in a fire situation: **None**

ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable laboratory protective clothing
Waste disposal: Do not contaminate soil, groundwater, or surface water. Observe all federal, state and local laws when considering waste disposal method.
Procedure to be followed in case of leak or spill: Wear protective equipment. Absorb spill with inert material and then place in a disposal container. Wash area thoroughly with soap and water.

HANDLING AND STORAGE

Handling procedures and equipment: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Safety shower and eyewash station near location of use.
Storage requirements: Store at 2-8°C.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Specific engineering controls to be used: Not applicable (not respirable as a liquid)
Personal protective equipment to be used:
Eye: Wear safety goggles when risk of splashes;
Skin: Wear lab coat and gloves of plastic or rubber when risk of contact
Respiratory: none

PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Odour & appearance: Odourless, clear, amber-coloured liquid
Odour threshold: Not available
Specific gravity: Not available
Vapour Pressure: Not available
Vapour density: Not available
Evaporation rate: not available
Boiling point: 100°C
Freezing point: Not available
pH: Neutral
Coefficient of water/oil distribution: Not available
Density (g/ml) at 20°C: Not available
Solubility in Water: Complete

STABILITY AND REACTIVITY

Conditions under which the product is chemically unstable: Product is stable at normal temperatures and storage conditions.
Incompatibilities: None known
Conditions of reactivity: None known
Hazardous decomposition products: Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides.
Hazardous Polymerization: Will not occur

TOXICOLOGICAL INFORMATION

Route of entry: May be absorbed through ingestion
Effects of acute exposure to product:
Eye: May give irritation
Skin: Not available

Inhalation: Inhalation is not possible when used as recommended

Ingestion: Not available

Effects of chronic exposure to product: Not available

Exposure limits: Not available

TOXICOLOGICAL INFORMATION CONTINUED

Irritancy of product: see above

Sensitization to product: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Name of toxicologically synergistic products: Not available

ECOLOGICAL INFORMATION

No data available.

DISPOSAL CONSIDERATIONS

Waste Disposal: Disposal should be according to local, state or national legislation.

TRANSPORT INFORMATION

Special shipping information: None required (non-regulated and non-hazardous for transport)

REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the SDS contains all the information required by the *Controlled Products Regulations*.

OTHER INFORMATION

The above statements are provided for informational use only and are believed to be correct. Affinity Biologicals Inc. shall not in any event be liable for incidental, consequential, third party or special damages of any kind resulting from any handling, use or failure of the products or above information.

Prepared at Affinity Biologicals by the Quality Assurance department using SDS data from supplier of raw material. Address any questions to Affinity Biologicals at (800) 903-6020.

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