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Safety Data Sheets for IVD Antibodies

Safety Data Sheets for Research Use Only Primary Antibodies

Safety Data Sheet

SDS number: SDS-IVD-AB-Rev0

IVD Antibodies

Effective April 10, 2024



1. Product and Company Identification

Product(s) IVD Primary Antibodies concentrated format (ZxxxxRL, ZxxxxRS, ZxxxxRT, ZxxxxML, ZxxxxMS, ZxxxxMT) Prediluted antibodies (ZxxxxRP, ZxxxxMP), antibody cocktails (ZxxxxRML, ZxxxxRMS, ZxxxxRMT, ZxxxxRMP)

Intended Use & Restrictions For in-vitro diagnostic use. Primary antibodies are intended for laboratory professional use in the detection of corresponding antigens in formalin-fixed, paraffin-embedded tissue stained in manual qualitative immunohistochemistry (IHC) testing. Antibodies are intended to be used after the primary diagnosis of tumor has been made by conventional histopathology using non-immunological histochemical stains. The results using these products must be interpreted by a qualified pathologist as an aid to diagnosis in conjunction with the patient's relevant clinical history, other diagnostic tests and proper controls.

Company Information Zeta Corporation
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24-Hour Emergency Contact CHEMTREC
+1 800-424-9300 (USA)

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SDS number: SDS-IVD-AB-Rev0
IVD Primary Antibodies
Effective April 10, 2024



2. Hazards Identification

Emergency Overview This product has been classified as non-hazardous based on the physical and/or chemical nature and/or concentration of ingredients
Product has little to no hazards for Emergency Responders if spilled and has no unusual hazard if in a fire.

OSHA Hazards Not Hazardous

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 other users of this product.

GHS Classification Not Hazardous
Signal words, Symbol, Hazard & Precautionary Statements

Potential Health Effects

Skin Contact May be harmful if exposed to skin. May cause skin irritation, itching, redness or inflammation.

Eye Contact May be harmful if exposed to eyes. May cause eye irritation, watering eyes, stinging or burning sensation.

Inhalation May be harmful if inhaled. May cause respiratory tract irritation, headache, dizziness, nausea or coughing.

Ingestion May be harmful if swallowed. May cause irritation of gastrointestinal tract, nausea, or vomiting.

See Section 11: Toxicological Information for additional information.

Environmental Effects None identified.
See Section 12: Ecological Information for additional information.

3. Composition / Information on Ingredients

Chemical Name	Synonyms	% Composition	CAS Number
Bovine Serum Albumin	BSA	< 1%	9048-46-8
Proclin 950 (Solution of 2-Methyl-2H- isothiazol-3-one [9.9%])	MIT	< 0.1%	2682-20-4
Proprietary Composition, multiple components	N/A	< 1%	N/A
Tris-HCl	N/A	< 1%	1185-53-1
Water	N/A	> 99%	7732-18-5

Note: It has been determined that the remaining ingredients of this product are not classified as hazardous according to the Federal OSHA Hazardous Communication Standard (29 CFR 1910.1200) or the Globally Harmonized System of Classification and Labeling of Chemicals

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4. First Aid Measures

General Advice Avoid further exposure to product. Consult a physician.

In case of skin contact Wash exposed area with soap and plenty of water. Remove any contaminated clothing. Seek medical attention.

In case of eye contact Wash eyes with plenty of water for at least 15 minutes. Have victim remove contact lenses. Be sure to wash under eyelids. Seek medical attention.

If inhaled Remove victim to well-ventilated area. If victim is not breathing, give artificial respiration. Seek medical attention.

If swallowed If victim is conscious, rinse mouth with water. Do not give anything to an unconscious victim. Seek medical attention.

5. Fire Fighting Measures

Suitable Extinguishing Media Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Use extinguisher media appropriate for surrounding fire.

Special Protective Equipment for Firefighters Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

Special Exposure Hazards None identified.

6. Accidental Release Measures

Personal Precautions Use of personal protective equipment is recommended as described in Section 8. Isolate hazard area and deny entry to unprotected personnel.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways.

Methods for containment and clean up Small spills may be contained and cleaned-up with paper towels or absorbent pads. Absorb large spills with sand or vermiculite and place in a closed container for waste disposal. Avoid physical contact during removal.

7. Handling and Storage

Precautions for Safe Handling Avoid contact with eyes, skin and clothing. Do not ingest. Wash hands thoroughly after use.

Conditions for Safe Storage Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure Controls / Personal Protection

Permissible Exposure Limits Proclin 950 does not have occupational exposure limit values.

Engineering Controls No special controls needed.

Personal Protective Equipment

Eye Protection Wear chemical splash goggles and/or face shield when eye and face contact is possible due to splashing or spraying of material.

Skin Protection Use chemically resistant gloves and a lab coat with sleeves.

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Respiratory Protection Exceeding exposure limits is unlikely during normal usage. However, if irritating vapors are produced, respiratory protection is recommended. Attempt to reduce exposure levels to an acceptable range.

General Hygiene Measures Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling and before eating or drinking.

9. Physical and Chemical Properties

Appearance Clear solution. May be colorless or colored (green, red, yellow, tan), depending upon the specific product.

Odor None

pH (as supplied) Various

Melting point No data available

Boiling point No data available

Flash point No data available

Flammability No data available

Lower explosion limit No data available

Upper explosion limit No data available

Vapor pressure No data available

Vapor density No data available

Specific gravity No data available

Solubility (in water) Soluble

Partition coefficient (n-octanol/water) No data available

Auto-ignition temperature No data available

Decomposition Temperature No data available

10. Stability and Reactivity

Chemical Stability Stable under recommended storage conditions (see Section 7).

Conditions to avoid None identified.

Materials to avoid None identified.

Hazardous decomposition products Hazardous decomposition products formed under fire conditions: carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas.

Possibility of hazardous reactions No data available.

11. Toxicological Information

Acute dose effects No data available

Repeat dose effects No data available

Skin irritation Not determined

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Skin and respiratory sensitization	Not determined
Eye irritation	Not determined
Carcinogenicity	No component of this product present at levels 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.

12. Ecological Information

Ecotoxicity	No data available
Persistence and degradability	No data available
Bioaccumulation/accumulation	No data available
Mobility in environmental media	No data available
Other hazardous effects	May be harmful to the environment, particularly aquatic organisms.

13. Disposal Considerations

Product	Disposal should be in accordance with applicable national, state, and local laws and regulations. Local regulations may be more stringent than national or state requirements. Verify local and state regulations before discharging into public sewers or landfills. Do not dump into any body of water. Contact a licensed professional waste disposal service for appropriate methods of disposal.
Contaminated packaging	Dispose of as unused product.

14. Transportation Information

Proper shipping name	Not applicable
Technical name	Not applicable
Hazard class	Not applicable
Identification number	Not applicable
Packing group	Not applicable
DOT (US)	Not regulated
IMDG	Not regulated
IATA	Not regulated
TDG	Not regulated

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15. Regulatory Information

Inventory Status

United States (TSCA) All ingredients are on the inventory or exempt from listing.

Canada (DSL / NDSL) All ingredients are on the inventory or exempt from listing.

SARA 302 Components No chemicals in this product are subject to reporting requirements.

SARA 313 Components No chemicals in this product are subject to reporting requirements.

SARA 311/312 Hazards Proclin 950: Acute health hazard

California Prop. 65 components This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Sources and Suitability The above information was obtained from sources available at the time of revision and believed to be accurate and reliable. The information included is not intended to be all inclusive and should only be used as a guide. Zeta Corp shall not be held liable for any damage resulting from use, handling, or contact with the above product.

Note: Before using this product, please visit the Zeta Corporation website at <http://zeta-corp.com> for the current version of this SDS.

Safety Data Sheet

SDS number: SDS-RUO-AB-Rev0
Research Use Only Primary Antibodies
Effective: April 10, 2024



1. Product and Company Identification

Product(s) RUO Primary Antibodies concentrated format
(ZxxxxRL, ZxxxxRS, ZxxxxRT, ZxxxxML
ZxxxxMS, ZxxxxMT) Prediluted antibodies
(ZxxxxRP, ZxxxxMP), antibody cocktails
(ZxxxxRML, ZxxxxRMS, ZxxxxRMT,
ZxxxxRMP)

Intended Use & Restrictions Research Use Only (RUO). This product cannot be used for diagnostic purposes.

Company Information Zeta Corporation
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Environmental Effects None identified.
See Section 12: Ecological Information for additional information.

3. Composition / Information on Ingredients

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If inhaled Remove victim to well-ventilated area. If victim is not breathing, give artificial respiration. Seek medical attention.

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Special Exposure Hazards None identified.

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8. Exposure Controls / Personal Protection

Permissible Exposure Limits Proclin 950 does not have occupational exposure limit values.

Engineering Controls No special controls needed.

Personal Protective Equipment

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9. Physical and Chemical Properties

Appearance Clear solution. May be colorless or colored (green, red, yellow, tan), depending upon the specific product.

Odor None

pH (as supplied) Various

Melting point No data available

Boiling point No data available

Flash point No data available

Flammability No data available

Lower explosion limit No data available

Upper explosion limit No data available

Vapor pressure No data available

Vapor density No data available

Specific gravity No data available

Solubility (in water) Soluble

Partition coefficient (n-octanol/water) No data available

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Materials to avoid None identified.

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