

Safety Data Sheet (SDS)

Printing date 1.03.2024

Version 1

Reviewed on 1.03.2024

1. Chemical and Company Identification

Product Name: ELISA Coating Buffer

Product Use: Research Laboratory Use

Manufacturer/Supplier: CytoDiagnostics Inc.

5867 South Garnett Road, Tulsa, Oklahoma, 74146, United States

Phone: (866) 344-3954

Web: <http://www.cytodiagnostics-us.com>Information and Support: customer_service-us@cytodiagnostics.com**2. Hazards Identification*****Classification of the substance or mixture***

GHS / CLP - REGULATION (EC) No 1272/2008

Does not meet the criteria for classification.

The most important adverse physiochemical, human health, and environmental effects: Prolonged skin contact may cause redness and irritation. Refer to Sections 4, 9-12.

Label elements

Signal Word: None

Hazard statements

None

Precautionary Statements

None

Other information

No information available

3. Composition/ Information on Ingredients***Substances***

Not applicable

Components

No ingredients identified for reporting in this section.

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4. First Aid Measures

In case of skin contact: Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. Wash off immediately with soap and plenty of water.

In case of ingestion: Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth.

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

If case of inhalation: Move to fresh air. If symptoms persist, call a physician.

Protection of first aiders: Use personal protective equipment.

Notes to physician: May cause sensitization of susceptible persons.

5. Fire Fighting Measures***Suitable extinguishing media***

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons

No information available

Special hazard

None in particular

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures***Personal precautions***

Use personal protective equipment. Avoid contact with the skin and the eyes.

See Section 12 for additional information.

Environmental precautions

Prevent entry into waterways, sewers, basements, or confined areas. Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust)

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7. Handling and Storage
Precautions for safe handling

Ensure adequate ventilation. Wear personal protective equipment.

Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place.

Specific end uses

Specific use(s): No information available

Exposure scenario: No information available

8. Exposure Controls/Personal Protection
Control parameters

Exposure limits: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Derived No Effect Level (DNEL): No information available.

Predicted No Effect Concentration (PNEC): No information available.

Exposure controls

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye protection: Tightly fitting safety goggles

Hand protection: Protective gloves

Skin and body protection: Long sleeved clothing.

Respiratory protection: No special protective equipment required.

Thermal hazards: No information available

Hygiene measures: When using, do not eat, drink, or smoke. Remove and wash contaminated clothing before re-use.

Environmental exposure controls: Do not allow material to contaminate ground water system.

9. Physical and Chemical Properties

Appearance:	Liquid; Clear	Physical State at 20°C:	Liquid
Odor:	no data available	Vapor pressure:	no data available
Odor threshold:	no data available	Vapor density:	no data available
pH:	8.0 - 9.6	Relative density:	no data available
Melting Point/Freezing point:	no data available	Solubility:	Soluble in water
Boiling point/boiling range:	no data available	Specific Gravity:	no data available
Flash points:	no data available	Auto-ignition temperature:	no data available
Evaporation rates:	no data available	Decomposition temperature:	no data available
Flammability (solid; gas):	no data available	VOC Content (%):	no data available

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10. Stability and Reactivity**Reactivity:** No information available**Chemical stability:** Stable under normal conditions**Possibility of hazardous reactions:** None under normal processing**Conditions to avoid:** Heat, flames, and sparks**Incompatible materials:** None in particular**Hazardous decomposition products:** None under normal use**11. Toxicological Information**

No ingredients identified for reporting in this section.

Acute Toxicity

Not determined

Chronic Toxicity

Not determined

Ingestion: May cause discomfort if swallowed.**Inhalation:** In high concentrations, vapors may irritate throat and respiratory system and cause coughing.**Skin contact:** Liquid may irritate skin.**Eye contact:** Spray and vapor in the eyes may cause irritation and smarting.**12. Ecological Information****Ecotoxicity:** Contains no substances known to be hazardous to the environment or that are not degradable in wastewater treatment plants.**Persistence and degradability:** No information available**Bioaccumulative potential:** No information available**Mobility in soil:** No information available**Results of PBT and vPvB assessment:** No information available**Other adverse effect:** No information available

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13. Disposal Considerations***Waste from residues / unused products***

Dispose of in accordance with local regulations

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or Disposal.

Other information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. Transport Information

<i>IMDG/IMO</i>	Not dangerous goods
<i>IATA</i>	Not dangerous goods
<i>ADR</i>	Not dangerous goods
<i>RID</i>	Not dangerous goods
<i>ICAO</i>	Not dangerous goods

15. Regulatory Information***Safety, health and environmental regulations/legislation specific for the substance or mixture***

No information available

Chemical Safety Assessment

No information available

16. Other information

This product is for laboratory research purposes, not for diagnostic or therapeutic use in humans or animals.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Users should make independent decisions regarding completeness of the information based on all sources available. Cytodiagnostics Inc. shall not be held liable for any damage resulting from handling or contact with the above product.

End of SDS