

Safety Data Sheet (SDS)

Printing date 1.03.2024

Version 1

Reviewed on 1.03.2024

1. Chemical and Company Identification

Product Name: ELISA Detection Diluent

Product Use: Research Laboratory Use

Manufacturer/Supplier: CytoDiagnostics Inc.

919 Fraser Drive, Unit 11, Burlington, Ontario, Canada, L7L 4X8

Phone: (866) 344-3954

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

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

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Ozone	Not applicable

DSD / DPD - Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R-phrases mentioned in this Section, see Section 16

Symbol(s) Xi – Irritant

R-code(s) Xi;R36/38 – R43

Label elements

Signal Word

DANGER

Hazard statements

H314 - Causes severe skin burns and eye damage H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation

Precautionary Statements - EU (§28, 1272/2008)

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P310 - Immediately call a POISON CENTER or doctor/ physician.

P280 - Wear eye protection/ face protection

Other information

No information available

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

Not applicable

Components

Proclin™ 300 (Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-One);
CAS# 55965-84-9

For the full text of the R-phrases mentioned in this Section, see Section 16

For the full text of the H-Statements mentioned in this Section, see Section 16

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.

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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)

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.

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9. Physical and Chemical Properties

Appearance:	no data available	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:	no data available	Relative density:	no data available
Melting Point/Freezing point:	no data available	Solubility:	no data available
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

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
Acute Toxicity

Product does not present an acute toxicity hazard based on known or supplied information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Proclin 300	53 mg/kg (Rat)	-	-

Chronic Toxicity

Carcinogenicity: This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B)

Target Organ Effects: Eyes. Respiratory system. Skin.

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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

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

IMDG/IMO	Not dangerous goods
IATA	Not dangerous goods
ADR	Not dangerous goods
RID	Not dangerous goods
ICAO	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

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16. Other information***Risk Combination Phrases***

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed

R36/38 - Irritating to eyes and skin

Hazard statements

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

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