

Safety Data Sheet (SDS)

Printing date 1.03.2024

Version 1

Reviewed on 1.03.2024

1. Chemical and Company Identification

Product Name: ELISA Stabilizer and Blocking Solution

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