

SAFETY DATASHEET

FOB ROPYDTEST®



This Safety Datasheet complies with the requirements of Regulation (EC) No 1907/2006

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product Identifier: 1642 FOB Rapydtest® Sample Extraction Buffer

1.2 Relevant identified uses of the substance or mixture and uses advised against: Sample Extraction Buffer for use with the above Rapydtest® in hospitals and laboratories. For *in vitro* use only.

1.3 Details of the supplier of the Safety Data Sheet:
Apacor Limited, Unit 5 Sapphire Centre, Fishponds Road, Wokingham, Berkshire, RG41 2QL, United Kingdom
+44 (0) 118 979 5566
technical@apacor.com

1.4 Emergency telephone number:
+44 (0)118 979 5566
(Monday-Friday 0900-1700 excluding UK Public Holidays)

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 [CLP]: Not classified as hazardous in concentration of <0.6% (Proclin-300).

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 [CLP]

The product does not contain a hazardous ingredient in an amount that requires identification and labelling according to the concentration limit/cut-off values of EC directives. This product contains no hazardous constituents, or the concentration of all chemical constituents is below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC, 93/112/EC and (EC) 1272/2008 (CLP).

Pictogram: None

Signal Word: -

Hazard statement(s): -

Precautionary statements:-

2.3 Other hazards

Bio-hazards: All the biological substances are derived from *in vitro* culture system or animal materials which are free of known-pathogens for human. Thus, no bio-hazards can be claimed in the product.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures
Hazardous ingredients according to Regulation (EC) No 1272/2008

Component: **Proclin 300**
≤ 0.5% Proclin 300 [0.0015% or 0.015% active ingredients – reaction mass of: 5- chloro-2-methyl-4-isothiazolin-3-one (C₄H₄ClNOS; CAS# 26172-55-4, EC No 247-500-7) and 2-methyl-2H -isothiazol-3-one (C₄H₅NOS; CAS# 2682-20-4, EC No 220-239-6) (3:1)].

CAS No: 55965-84-9

EC No: 613-167-00-5

Classification: Skin Sens. Cat 1 (H317); Skin Irrit. Cat 2 (H315); Eye Irrit. Cat 2 (H319)

Concentration: < 0.3%

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: Inhalation of any component in this kit is unlikely. If a component of this kit is inhaled and causes discomfort, move exposed individual to fresh air. Seek medical attention if breathing is difficult or symptoms persist.

In case of skin contact: The Sample Extraction Buffer is hazardous by skin contact. In case of contact, immediately clean skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. The animal proteins and dried reagents absorbed into the nitrocellulose membrane and the fibre conjugate pad are very unlikely to be hazardous by skin contact, but cleaning the skin after use is advisable.

If swallowed: Ingestion of small amounts of the Sample Extraction Buffer is toxic; a physician should be consulted immediately. The animal proteins and dried reagents absorbed into the nitrocellulose membrane and the fibre conjugate pad are very unlikely to be ingested or be hazardous by ingestion. However, a physician should be consulted should ingestion occur.

In case of eye contact: The test device is very unlikely to come into contact with the eye, however, a physician should be consulted should contact occur. In case of contact with the Sample Extraction Buffer, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Aggravating Condition: Repeated or prolonged exposure is not known to aggravate medical conditions.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (Section 2.2) and/or Section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

For small fires, use dry chemical, carbon dioxide, or alcohol-resistant foam. No direct contact with water.

5.2 Special hazards arising from the substance or mixture

When involved in a fire, this material can decompose and produce irritating fumes and toxic gases (e.g., carbon monoxide, carbon dioxide, sulfuric dioxide).

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Explosion Sensitivity to Mechanical Impact: Not sensitive under normal conditions.

Explosion Sensitivity to Static Discharge: Not sensitive under normal conditions.

5.3 Advice for firefighters

This material will not significantly contribute to the intensity of a fire. Use extinguishing material suitable to the surrounding fire. Utilize proper personal protective equipment when responding to any fire. Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move containers from fire area if it can be done without risk to personnel. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Lab coat and gloves.

6.2 Environmental precautions

No data available.

6.3 Methods and material for containment and cleaning up

Use absorbent paper towel or cloth to absorb the spill solution and dispose or clean the contaminated surface in accordance with local procedures or appropriate standards

6.4 Reference to other sections

For disposal, see Section 13.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not eat, drink, smoke or apply cosmetics in laboratory area. Use the product according to the product insert.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep product at 2-30°C. Do not freeze or expose to temperature higher than 30°C. Keep away from children.

7.3 Specific end use(s)

No other specific uses are specified apart from those listed in Section 1.2.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

CAS #	Chemical Name	OSHA (PEL)	ACGIH (TLV)*	NIOSH
26172-55-4	Proclin 300	N/A	0.1mg/m ³	N/A

Biological Exposure Index (ACGIH).

Other exposure limits for potential decomposition products:
None.

8.2 Exposure controls

Engineering Control: Eye bath. Use adequate ventilation to keep airborne concentrations low.

Hygiene Measures: Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of the day.

Personal Protective Equipment:

Respiratory Protection: None needed under normal conditions of use.

Skin and Body: Lab coat as indicated by general lab practice guidelines.

Eyes: Safety glasses or face shield are recommended to prevent eye contact.

Hand: Compatible chemical resistant gloves.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) **Appearance** Form: liquid

b) **Odour** odourless

c) **Odour threshold** no data available

d) **pH** 4.1

e) **Melting point / freezing point** no data available

f) **Initial boiling point and boiling range** 233°C

g) **Flash point** non-combustible

h) **Evaporation rate** <1

i) **Flammability (solid, gas)** no data available

j) **Upper/lower flammability or explosive limits** not applicable

k) **Vapour pressure** 0.06mmHg

l) **Vapour density** not applicable

m) **Relative density** no data available

n) **Solubility (ies)** soluble

o) **Partition coefficient: n-octanol/water** no data available

p) **Auto-ignition temperature** not applicable

q) **Decomposition temperature** no data available

r) **Viscosity** no data available

s) **Explosive properties** no data available

t) **Oxidising properties** no data available

9.2 Other information

No data available

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

Strong oxidizers, Perchloric Acid, > 25°C for prolonged periods.

10.4 Conditions to avoid

Contact with strong oxidizers, Perchloric Acid, > 25°C for prolonged periods.

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10.5 Incompatible materials

Strong oxidizers, Perchloric Acid, > 25°C for prolonged periods.

10.6 Hazardous decomposition products

Hydrogen chloride, oxides of nitrogen and sulphur.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

No adverse effects on the health are expected from the components of the product. There is no aquatic toxicity data for this product at this time. Individual aquatic toxicity studies have been completed for the below listed chemicals.

Proclin 300

Acute toxicity: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information

Proclin 300	LD50 oral rat, female: 3723 mg/kg
	LD50 oral rat, male: 3600 mg/kg
	LD50 skin rabbit, female: >3600 mg/kg
	LD50 skin rabbit, male: 3500 mg/kg

To the best of our knowledge, the chemical, physical and toxicological properties of this chemical have not been thoroughly investigated.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

No adverse effects on the environment are expected from the components of this kit. There is no aquatic toxicity data for this kit at this time.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

There is limited potential for the components within this kit to accumulate in plant or animal systems.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects

No data available.

12.7 Additional information

None.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 TRANSPORT INFORMATION

14.1 UN number none

14.2 UN proper shipping name none

14.3 Transport hazard class(es) This substance is considered to be non-hazardous for transport.

14.4 Packing group none

14.5 Environmental hazards Do not discharge effluent containing this kit into streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge.

Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact the appropriate environmental agency.

14.6 Special precautions for user no data available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not intended to be transported in bulk.

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for this product.

SECTION 16 OTHER INFORMATION

Full text of H-Statements referred to in Section 3

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Eye Irrit. Eye irritation.

Skin Sens. Skin sensitisation.

Skin Irrit. Skin irritation.

The information supplied in this SDS is correct to the best of our knowledge. We do not accept any liability for loss, injury or damage, which may result from its use.



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