

Safety Data Sheet

Title: **INDICAID® COVID-19 Rapid Antigen At-Home Test Extraction Buffer**

SDS

Document #: SDS-0036/ Revision A

Status: Current; Effective date: 2022/05/23

PHASESCIENTIFIC

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SAFETY DATA SHEET

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name: INDICAID® COVID-19 Rapid Antigen At-Home Test extraction buffer

Product form: Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: *In vitro* diagnostic test sample extraction buffer for self-use/at-home use

1.3 Details of the supplier of the safety data sheet

Manufacturer: Phase Scientific International Limited
32 & 33F, Gravity, 29 Hing Yip St.
Kowloon, Hong Kong

www.phasescientific.com

1.4 Emergency telephone number

Emergency Number: +852 9135 2570 [Hong Kong]
+1 (657) 296-6106 [US]

Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

When used under normal operating condition according to the product's instructions for use, this product is anticipated to pose no significant health effects. Repeated use or prolonged exposure is not known to aggravate any medical conditions.

Product is not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. Product is not classified under GHS US classification.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
GHS US labelling: Not applicable.

2.3 Other hazards

Diluent buffer:

Eye contact:	Irritation
Skin contact:	Irritation
Ingestion:	Potentially harmful if swallow
Inhalation:	None known.

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Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition of Extraction Buffer

The product is a mixture of unlisted non-hazardous substances along with the hazardous substances listed below.

Chemical Name	CAS#	Concentration (%)	Hazard Statement
ProClin 300	26172-55-4; 2682-20-4	≤ 0.3	Non-hazardous at this concentration
Triton X-100	9002-93-1	≤ 0.1	Non-hazardous at this concentration

Section 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of skin contact

Immediately wash thoroughly with running water for at least 15 min

In case of eye contact

Rinse thoroughly with plenty of water, also under the eyelids for at least 15 minutes.

If swallowed

Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with plenty of water and seek immediate medical attention.

If symptoms persist, seek medical attention or poison control center at <https://www.poison.org/contact-us> or 1-800-222-1222.

Section 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

This material is non-flammable and non-reactive under normal condition of use, storage and transport.

5.3 Advice for firefighters

This product does not contain combustible materials.

Special Exposure Hazards: None known.

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Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Take proper precautions to minimize exposure by using personal protective equipment.
For personal protection see section 8.

6.2 Environmental precautions

Do not flush INDICAID® COVID-19 Rapid Antigen At-Home Test extraction buffer in drains.

6.3 Methods and materials for containment and cleaning up

Soak up spills with inert absorbent material and dispose used devices as hazardous waste.
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Wear personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Avoid direct sunlight. Store at 2-8°C (35.6-46.4°F) in original sealed package.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice. Change contaminated clothing. Wash hands after working with substance. Minimize any anticipated skin and eye contact.

Personal Protection Equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Safety glasses or goggles

Respiratory protection

A risk assessment is required.

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Hands and other skin protection

Handle with impervious gloves. The choice of skin protection should be based on the job activity and potential for exposure to the skin. Laboratory coat and/or protective clothing recommended.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Control of environmental exposure

Do not let product enter drains.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

	INDICAID® COVID-19 Rapid Antigen At-Home Test Extraction Buffer
Appearance	Odourless, clear liquid
pH	7.2 ± 0.2
Melting point	No information available
Boiling point	No information available
Specific Gravity (H ₂ O = 1)	No information available
Vapor Pressure (mmHg & temp)	No information available
Percent Volatile (%)	No information available
Vapor Density	No information available
Evaporation (Butyl Acetate = 1)	No information available
Solubility in Water	soluble
Solubility in Fat	No information available
Flash Point (method used)	No information available
Auto-flammability	No information available
Explosive Properties	None
Oxidizing Properties	None
Partition Coefficient	No information available

Section 10: STABILITY AND REACTIVITY

10.1 Stability

Stable under normal conditions of use

10.2 Conditions to avoid

Excessive heat, direct sunlight

10.3 Hazardous decomposition products

Not established.

10.4 Incompatibility

Strong acids or alkalines

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Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No information available
Eyes	No information available
Skin	No information available
Inhalation	No information available
Ingestion	No information available
Specific Effects	
Chronic Toxicity (Target Organ Effects)	No information available
Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available
Target Organ Effects	No information available

Section 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity effects	No information available
12.2 Mobility	No information available
12.3 Biodegradation	No information available
12.4 Bioaccumulation	No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose in accordance with all applicable local and national regulations

Section 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: No

IMDG Marine pollutant: no

IATA: no

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According to the 63rd edition (2022) of IATA Dangerous Goods Regulations, the products are not dangerous, poisonous, harmful, corrosive, flammable, or explosive. They are not spiritual medicines, not aesthetic or narcotic, and cannot be used to make bio-chemical weapons.

Section 15: REGULATORY INFORMATION

Regulation (EC) No 1272/2008 – classification, labelling and packaging of substances and mixtures (CLP)

Regulation (EC) No. 1907/2006- Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

GHS HazCom 2012

Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

Section 16: OTHER INFORMATION

Further information

This information is based on our present knowledge. The information given is designed only as a guidance for safe handling and is not to be considered a warranty or quality specification. All materials and mixtures may present unknown hazards and should be used with caution.