

# Material Safety Data Sheet

## Sample treatment solution for SARS-CoV-2 & Influenza A/B & RSV Antigen

### Combo Test Kit (Colloidal Gold Chromatographic Immunoassay)

#### Section 1 Identification of the Substance/Mixture and of the Company/Undertaking

##### 1.1 Product identifier:

###### 1.1.1 Product identifier

Trade name: Sample treatment solution for SARS-CoV-2 & Influenza A/B & RSV Antigen Combo Test Kit

Main Compositions: Purified water, Sodium chloride.

###### 1.1.2 Other means of identification:

Prepack sample treatment solution: 0.5mL/tube

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

###### 1.2.1 Relevant identified uses: For In Vitro Diagnostic Use Only

###### 1.2.2 Uses advised against: Not available

##### 1.3 Details of the supplier of the safety data sheet:

Manufacture/Supplier: Shenzhen Microprofit Biotech Co., Ltd.

Information contact: Rm. 405, 406, Zone B /4F, Rm. 205, 206-1, 207, West Side of Zone B/ 2F, Haowei Building, No. 8  
Langshan 2nd Road, Songpingshan, Songpingshan Community, Xili Street, Nanshan District,  
Shenzhen, P.R. China.

Tel: +86-755-61688835 Fax: +86 755 61688111

##### 1.4 Emergency telephone number: +86-755-61688835

Available 24 hours? Yes

#### Section 2 Hazards Identification

##### 2.1 GHS Hazard Class

Not classified as dangerous substance or mixture according to GHS (Globally Harmonized System of Classification and Labelling of Chemicals) (Seventh revised edition).

##### 2.2 Pictogram and Signal word: None

##### 2.3 Hazard statement(s): None

##### 2.4 Precautionary statement(s): None

##### 2.5 Explosion hazards: Not considered to be an explosion hazard.

\* Classification according to GHS (Globally Harmonized System of Classification and Labelling of Chemicals) (Seventh revised edition).

#### Section 3 Composition/Information on Ingredients

Component	Range % by Wt.	CAS No.
Purified water	98.02	7732-18-5
Sodium chloride	0.88	7647-14-5

Triton X-100	1	9036-19-5
SDS	0.1	151-21-3

## Section 4 First Aid Measures

### 4.1 Skin contact:

Rinse with plenty water. If experiencing skin symptoms, consult a physician.

### 4.2 Eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If experiencing eye symptoms, consult a physician.

### 4.3 Inhalation:

Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, consult a physician.

### 4.4 Ingestion:

Rinse mouth. If feel unwell, consult a physician.

## Section 5 Fire-Fighting Measures

### 5.1 Types of hazard:

Not considered to be an explosion hazard.

### 5.2 Hazardous combustion products:

No data available

### 5.3 Fire-Fighting Measures:

Use any means suitable for extinguishing surrounding fire.

Suitable extinguishing media : Water spray , dry powder , sand , water-resistant foam , carbon dioxide . etc.

### 5.4 Special Information

Use self-contained breathing apparatus and wear protective clothing.

Avoid contact with eyes and skin.

## Section 6 Accidental Release Measures

Isolate the hazard area and keep unnecessary and unprotected personnel from entering.

Wear appropriate personal protective equipments . Wear face protection if necessary.

Sweep up and containerize for reclamation or disposal.

Flush the contaminated area with plenty water.

## Section 7 Handling and Storage

### 7.1 Handling:

Keep container tightly closed.

### 7.2 Storage:

Stored in a cool, dry, ventilated area.

## Section 8 Exposure Controls/Personal Protection

### 8.1 Occupational exposure limits:

Not established.

#### 8.2 Engineering controls:

In general, dilution ventilation is a satisfactory health hazard control for this substance.

However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Maintain eye wash fountain and quick-drench facilities in work area.

#### 8.3 Inhalation protection:

In case of fire , use self-contained breathing apparatus.

#### 8.4 Eye protection:

Use safety goggles or face protections to protect against possible splashin.

#### 8.5 Skin protection:

Generally protection.

#### 8.6 Other protection:

No information.

### Section 9 Chemical and Physical Properties

Appearance and odor	Colorless liquid, odorless.
pH	≈7
Relative density( water = 1)	≈1.00
Solubility	Miscible with water
Flash point	Not applicable.
Flammability	Not classified as flammable liquid.
Explosive properties	Not classified as explosive substance.
Oxidizing properties	Not classified as oxidizing substance.
Main purpose	Dilute the samples tested by SARS-CoV-2 & Influenza A/B Antigen Combo Test Kit (Colloidal Gold Chromatographic Immunoassay).
Other properties	No data available.

### Section 10 Stability and Reactivity

#### 10.1 Stability:

Stable under ordinary conditions of use and storage.

#### 10.2 Incompatibilities:

Acid anhydrides, alkali metals.

#### 10.3 Conditions to avoid:

No data available.

#### 10.4 Hazardous polymerization:

No data available.

#### 10.5 Hazardous decomposition:

No data available

### Section 11 Toxicological Information

Acute toxicity	Sodium chloride ( CAS No . 7647-14-5 )
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	LD50 oral-rat-3550 mg / kg LC50 Inhalation - rat-1 h- > 42000mg / m <sup>3</sup> LD50 dermal-rabbit- > 10000 mg / kg
Skin irritation / corrosion	No data available.
Eye damage/irritation	No data available.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	The substance is not listed in IARC (International Agency for Research on Cancer) Category
Reproductive toxicity	No data available.
STOT-single exposure	No data available.
STOT-repeated exposure	No data available.
Aspiration hazard	May cause irritation if the liquid entered the respiratory tract.
Health hazards	Inhalation : No adverse health effects expected. Ingestion : May be harmful if ingested in excessive quantities. Iskin Contact : No adverse health effects expected. Eye Contact : May cause eye mild irritation.
Other toxicity	No data available.

## Section 12 Ecological Information

### 12.1 Ecological toxicity:

Sodium chloride (CAS No . 7647-14-5):

Toxicity to fishes

LC50-lepomis macrochirus-5840 mg / l-96 h

Toxicity to daphnia and other aquatic invertebrates

LC50-daphnia magna-874 mg / h

### 12.2 Persistence and degradability:

No data available.

### 12.3 Bioaccumulation:

No data available.

### 12.4 Mobility in soil:

No data available.

### 12.5 Others:

No data available.

## Section 13 Disposal Information

### 13.1 Disposal measures:

Offer surplus and non-recyclable solutions to a licensed disposal company.

### 13.2 Notes

Local disposal regulations may differ from Chinese regulations. Dispose in accordance with local country or state.

## Section 14 Transportation Information

The consignment is not classified as dangerous under the 64th edition 2023 of the IATA dangerous goods regulations and all applicable carrier and governmental regulations.

Regulations	IATA DGR(64th Edition)	IMDG Code (2023Edition)
UN No.	Not regulated.	Not regulated.
Proper Shipping Name	Not regulated.	Not regulated.
Hazard Class	Not regulated.	Not regulated.
Packing Group	Not regulated.	Not regulated.
Packing Method	Not regulated.	Not regulated.
Environmental hazards	Not regulated as environmentally hazardous substance/marine pollutant.	
Notes	Not regulated.	

## Section 15 Regulatory Information

### 15.1 Domestic authority regulations:

Regulations on the Safety Administration of Dangerous Chemicals(2011).

This substance is not listed in General rule for classification and hazard communication of chemicals(GB 13690-2009).

### 15.2 International Regulations:

Commission Regulation (EC) No. 1907/2006(REACH) and its amendments.

Commission Regulation (EC) No. 1272/2008(CLP) and its amendments.

Waste Framework Directive 2008/98 EC and its amendments.

Toxic Substance Control Act (TSCA)

## Section 16 Other Information

### 16.1 According to:

Safely Date Sheet for Chemical Prodcts . Content and Order of Sections(ISO 11014 : 2009)

### 16.2 Issue date:

Jan 1, 2023.