

SAFETY DATA SHEET

(According to regulation (EC) 1907/2006.)

Product Name: WantaiSARS-CoV-2 Ag Rapid Test (self-test)

Date SDS established : March 18, 2022

Revision number : 2

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

1.1 Product and components identifier

Catalogue Number	Product Name
WJ-2901, WJ-2905, WJ-2910, WJ-2925	Wantai SARS-CoV-2 Ag Rapid Test (Colloidal Gold)

Components	Component of (kit)
Extraction buffer - detergent agent (0.1%) diluted in sodium sulfate (1%) buffer and containing a preservative at concentration of 0.1%	SARS-CoV-2 Ag Rapid Test
Test cassette - test strip containing biologically active components in a plastic cassette packed in a pouch containing silica gel.	SARS-CoV-2 Ag Rapid Test

1.2 Relevant identified uses of the substance or mixture and uses advised against:
In vitro diagnostic use

1.3 Details of the supplier of the safety data sheet: e-mail address : wtexport@ystwt.com

1.4 Emergency telephone number: Call your local emergency centre: +86-10-59528888

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Extraction buffer ProClin300 Mixture (3:1) CMIT/MIT	Skin Sens Cat 1: H317 Chronic Aquatic Cat 3: H412
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2.2 Label elements

Extraction buffer ProClin300 Mixture (3:1) CMIT/MIT	The substance is used at concentration of 0.1%. No requirement for special label element or pictogram.
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3 COMPOSITION/INFORMATION ON INGREDIENTS

Component name	Hazardous ingredient	ID nrs.	Classification	Conc.
Extraction buffer *	Mixture (3:1) CMIT/MIT = 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one	Index: 613-167-00-5 CAS: 55965-84-9	Acute Tox Cat 3: H301 Acute Tox Cat 2: H310, H330 Skin Corr Cat 1C: H314 Eye Dam Cat 1: H318 Skin Sens Cat 1A: H317 Aquatic Acute Cat 1 : H400 Aquatic Chronic Cat 1 : H410 With specific concentration limits : Eye Dam. 1: C ≥ ,6 % Eye Irrit. 2; H319: ,06 % ≤ C < ,6 % Skin Corr. 1C: C ≥ ,6 % Skin Irrit. 2; H315: ,06 % ≤ C < ,6 % Skin Sens. 1A: C ≥ ,0015 % M=100 M(Chronic)=100	0.1%

4 FIRST AID MEASURES

4.1 Description of first aid measures

General advice

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

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

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Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

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:
Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Hydrogen chloride gas

5.3 Advice for firefighters:
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition.
Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
For personal protection see section 8.

6.2 Environmental precautions:
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up:
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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6.4 Reference to other sections
For disposal see section 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities:
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s):
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
No data available

8.2 Exposure Controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Tightly fitting safety goggles. Faceshield (8-inch minimum).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous

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substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

No other information

9.2 Other Information
None.

10 STABILITY AND REACTIVITY

10.1 Reactivity:
No data available

10.2 Chemical stability:
Stable under recommended storage conditions

10.3 Possibility of hazardous reactions:
No data available

10.4 Conditions to avoid:
Heat, flames and sparks.

10.5 Incompatible Materials
Strong oxidizing agents, Reducing agents, Amines, Mercaptans

10.6 Hazardous decomposition products
Other decomposition products - No data available
In the event of fire: see section 5

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

5% CMIT/MIT in ProClin 300

Acute toxicity

LD50 Oral - Rat - 862 mg/kg

LD50 Dermal - Rabbit - 2,800 mg/kg

Skin corrosion/irritation

Skin - Rabbit

Result: Corrosive

Serious eye damage/eye irritation

Eyes - Rabbit

Result: Corrosive to eyes

Respiratory or skin sensitisation

Guinea pig

Result: May cause sensitisation by skin contact.

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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

RTECS: Not available

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is

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extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin,

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

12 ECOLOGICAL INFORMATION

12.1 Toxicity

5% CMIT/MIT in ProClin 300: No data available

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

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

Contaminated packaging

Dispose of as unused product.

14 TRANSPORT INFORMATION

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- 14.1 UN number
Not applicable.
- 14.2 UN Proper shipping name
Not applicable.
- 14.3 Transport hazard class(es)
Not applicable.
- 14.4 Packing group
Not applicable.
- 14.5 Environmental hazards
No.
- 14.6 Special precautions for user
Not applicable.
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.
No
- 15.2 Chemical Safety Assessment
For this product a chemical safety assessment was not carried out

16 OTHER INFORMATION

Hazard statements and Precautionary statements referred elsewhere in the safety data sheet:

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H360D	May damage the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
P201	Obtain special instructions before use.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P308-313	IF exposed or concerned: Get medical advice/attention.

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P333-313 If skin irritation or rash occurs: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.

Further information

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

It remains the user's own responsibility to make sure that the information is appropriate and complete for his specific use of this product. The user is also responsible for observing any laws and applicable guidelines.

Changes to previous version of the SDS :

