

MATERIAL SAFETY DATA SHEET

(GB/T 16483-2008 & GB/T 17519-2013)

Product name: COVID-19 (SARS-CoV-2) Antigen
Test Kit (Colloidal Gold)/ COVID-19 (SARS-CoV-
2) Antigen Test Kit (Colloidal Gold) - Saliva
Revision Date: 18/06/2021
Version: 1.1

MSDS Number: SDS202106173315

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1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name : COVID-19 (SARS-CoV-2) Antigen Test Kit (Colloidal Gold)
COVID-19 (SARS-CoV-2) Antigen Test Kit (Colloidal Gold) -
Saliva

Recommended use of the chemical and restrictions on use

Identified use : For *in vitro* diagnostic use only
(The product is used in vitro to qualitatively detect novel
coronavirus antigen in a human nasal/nasopharyngeal/
oropharyngeal swab or saliva)

Details of the supplier of the safety data sheet

Anhui Deepblue Medical Technology Co., Ltd.
4th Floor D-1# Zone,
Pearl Industrial Park 106 Innovation Avenue,
High-Tech Development Zone 230088 Hefei,
Anhui, China.

Emergency telephone number

Tel: +86-055165326498, or contact your local
emergency telephone number.

Product Information

Tel: +86-13856013927
E-mail: 314266238@qq.com

2. HAZARDS IDENTIFICATION

Emergency Overview

This product is not considered as hazardous according to China GB standards(GB30000-2013).

GHS-Classification- China standards(GB30000-2013)

This product is not considered as hazardous according to China GB standards(GB30000-2013).

GHS-Labeling- China standards(GB30000-2013)

Hazard pictograms : Not applicable

Signal word : Not applicable

Hazard statements : Not applicable

Precautionary statements : **Prevention:**

P101 If medical advice is needed, have product container or label
at hand.

P102 Keep out of reach of children.

P103 Read label before use.

Response:



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Not applicable

Storage:

Not applicable

Disposal:

Not applicable

Physical and chemical hazards

Not classified based on available information.

Health hazards

Not classified based on available information.

Environmental hazards

Not classified based on available information.

Other hazards which do not result in classification

No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product type : Mixture

Hazardous components

This product does not contain any hazardous components required to reporting in this section according to relevant regulations.

Chemical name	CAS-No.	Classification (GB 30000.2-29 – 2013)	Concentration
Sodium caseinate	9005-46-3	Not classified	1.0%
Sodium chloride	7647-14-5	Not classified	0.8689%
Sodium phosphate dibasic dodecahydrate /Na ₂ HPO ₄ ·12H ₂ O	10039-32-4	Not classified	0.7089%
Tween-20	9005-64-5	Not classified	0.422%
Ethyl p- hydroxybenzoate	120-47-8	Not classified	0.025%



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Water	7732-18-5	Not classified	Balance
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4. FIRST AID MEASURES

- General advice : Show this safety data sheet to the doctor in attendance.
- If inhaled : Not required under normal conditions of use.
Move to fresh air.
If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Not required under normal conditions of use.
Wash off with soap and plenty of water.
Consult a physician.
- In case of eye contact : Not required under normal conditions of use.
Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
If symptoms persist, call a physician.
- If swallowed : Not required under normal conditions of use.
Rinse mouth with water.
If symptoms persist, call a physician.

Notes to physician

- Symptoms : We have no description of any toxic symptoms.
- Treatment : Treat symptomatically.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : For this product no limitations of extinguishing agents are given.
- Specific hazards during firefighting : Combustible. Development of hazardous combustion gases or vapors possible in the event of fire.



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- Special protective equipment for firefighters : Stay in danger area only with self-contained breathing apparatus
Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.
- Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Do not breathe vapors/mist. Ensure adequate ventilation.
Evacuate the danger area, observe emergency procedures, consult an expert.
For personal protection see section 8.
- Environmental precautions : Prevent product from entering soil, drains and waterways.
- Methods for cleaning up : Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material. Clean up affected area. Keep in suitable, closed containers for disposal.
- Additional advice : Comply with all applicable national and local regulations.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Work under hood or special environment.
Do not inhale reagents.
Avoid generation of vapors/aerosols.
For personal protection see section 8.
Dispose of rinse water in accordance with local and national regulations.

- Advice on protection against fire and explosion : Normal fire protective measure.

Storage

- Requirements for storage areas and containers : Tightly closed. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.
Store in according to instruction.
- Materials to avoid : None known.
- Other data : Hazardous decomposition products formed under fire conditions.
- Carbon oxides.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no ingredient with known occupational exposure limit.

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
				GBZ 2.1-2019

Engineering measures

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

Personal protective equipment

- Respiratory protection : Respiratory protection is required when vapors/aerosols are generated.
- Hand protection : Protective gloves.
- Eye protection : Safety glasses.
- Skin and body protection : Protective clothing.
- Hygiene measures : Wash hands before breaks and at the end of workday.
When using do not eat or drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Physical state/appearance : Diagnostic kit containing 1 bottles of liquid reagent(colorless/transparent).
- Odour : No odour
- Odour Threshold : No data available

Safety data

- Flash point : Does not flash
- Ignition temperature : No data available
- Lower explosion limit : No data available
- Upper explosion limit : No data available
- Flammability (solid, gas) : Non flammable
- Oxidizing properties : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Molecular weight : No data available
- pH : No data available
- Melting point/freezing point : No data available



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Boiling point	: No data available
Sublimation point	: No data available
Vapour pressure	: No data available
Density	: No data available
Bulk density	: No data available
Water solubility	: Soluble in water
Partition coefficient: n-octanol/water	: No data available
Solubility in other solvents	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Flow time	: No data available
Impact sensitivity	: No data available
Relative vapour density	: No data available
Surface tension	: No data available
Evaporation rate	: No data available

10. STABILITY AND REACTIVITY

Hazardous reactions	: Non-reactive under normal use, storage and transport conditions.
Chemical stability	: The product is chemically stable under standard ambient conditions (room temperature).
Conditions to avoid	: Avoid direct sunlight exposure and low or high temperature.
Materials to avoid	: None known.
Hazardous decomposition products	: Hazardous decomposition products formed under fire conditions. - Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.



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Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

Persistence and degradability

No data available

Bioaccumulative potential

Partition coefficient: n- : No data available
octanol/water

Mobility in soil

No data available



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13. DISPOSAL CONSIDERATIONS

Disposal methods

General advice : Dispose of in accordance with all applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

International transport regulations

GROUND TRANSPORT/CHINA ROAD(JT/T 617-2018)

UN Number: not regulated/non-dangerous goods

Proper Shipping Name: N/A

Hazard classes: N/A

Packaging group: N/A

SEA TRANSPORT/INTERNATIONAL MARITIME DANGEROUS GOODS(IMDG, 39-18)

UN Number: not regulated/non-dangerous goods

Proper Shipping Name: N/A

Hazard classes: N/A

Packaging group: N/A

AIR TRANSPORT/INTERNATIONAL AIR TRANSPORT ASSOCIATION(IATA, 62nd edition)

UN Number: not regulated/non-dangerous goods

Proper Shipping Name: N/A

Hazard classes: N/A

Packaging group: N/A

15. REGULATORY INFORMATION

Regulations on the Control over Safety of Dangerous Chemicals (Decree No. 591 of the State Council of the People's Republic of China)

General rules for preparation of chemical safety data sheet (GB16483-2008)

Guidance on the compilation of safety data sheet for chemical products(GB/T 17519-2013)

Rules for classification and labelling of chemicals(GB30000-2013)

Classification and labels of dangerous chemical substances commonly used (GB13690-2009)

List of dangerous goods (GB12268-2012)

Classification and code of dangerous goods (GB6944-2012)

Occupational exposure limits for hazardous agents in the workplace - Part 1: Chemical hazardous agents(GBZ 2.1-2019)



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16. OTHER INFORMATION

Further information

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Disclaimer:

This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by us to be dependable and is accurate to the best of our knowledge.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. We assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

****End of Material Safety Data Sheet*****



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