

## MATERIAL SAFETY DATA SHEET

<b>1 Identification of the substance / preparation of the company</b>	
<b>Information of the substance or preparation</b>	
<b>Product name</b>	Sample extraction solution for SARS-CoV-2 Ag Diagnostic Test Kit (Colloidal Gold)
<b>CAS NO.</b>	/
<b>Catalogue No.</b>	/
<b>Intended use</b>	In Vitro Diagnostics
<b>Information about the manufacturer / supplier</b>	
<b>Manufacturer</b>	SHENZHEN WATMIND MEDICAL CO., LTD.  8th Floor, Building A, No.16-1, Jinhui Road, Jinsha Community, Kengzi Subdistrict, Pingshan District, 518118, Shenzhen, China.  Tel: +86-755-2665-8059/ Fax: + 86-755-8696-9964

<b>2 Hazards identification</b>	
<b>Health hazards</b>	Exposure may cause irritation or burns to respiratory tract, skin, and eyes. Corrosive effects may be delayed. See Section 11 Toxicological Information for more detailed health information.
<b>Environmental hazards</b>	Not available
<b>Physico-chemical hazards</b>	Not available

<b>3 Composition / information on ingredients</b>		
<b>Composition</b>		
PBS (Phosphate Buffered Saline)		19.77%
Polysorbate 20	$C_{58}H_{114}O_{26}$	0.1%
Bis(trimethylsilyl)acetamide	$C_8H_{21}NOSi_2$	0.03%
Proclin 300 (5-chloro-2-methyl-1,2-thiazol-3-one; 2-methyl-1,2-thiazol-3-one)	$C_8H_9ClN_2O_2S_2$	0.1%
Water	$H_2O$	80%

<b>4 First-aid measures</b>	
<b>Skin contact</b>	If this chemical contact the skin, flush the area of skin with water. If clothing becomes wet or significantly contaminated, remove and replace clothing. Where there is evidence of skin irritation, get medical attention.
<b>Eye contact</b>	Immediately flush eye(s) with large volumes of water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.
<b>Ingestion</b>	Get medical attention if there has been ingestion of this product. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless directed by medical personnel.

<b>Inhalation</b>	If breathing becomes difficult, remove victim to fresh air. Seek medical assistance immediately.
<b>Medical treatment</b>	Show this safety data sheet to medical personnel. Give symptomatic treatment and supportive therapy.

<b>5 Fire-fighting measures</b>	
<b>Fire and properties explosive</b>	Not inflammable
<b>Extinguishing media</b>	Use fire extinguishing media appropriate for site conditions.
<b>Special hazards</b>	Not available
<b>Protective equipment for fire-fighters</b>	Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

<b>6 Accidental release measures</b>	
<b>Personal precautions</b>	Wear gloves and laboratory coat. Prevent skin and eye contacting.
<b>Environmental precautions</b>	Keeping away from drains, surface- and ground-water and soil.
<b>Methods for cleaning up</b>	Use of absorbent material which should be disposed of in a dustbin. Clean with plenty of water.

<b>7 Handling and storage</b>	
<b>Information handling for safe</b>	Provide adequate ventilation. Avoid generating vapours.
<b>Storage</b>	To maintain efficacy, store according to the instructions in the product labeling.

<b>8 Exposure controls / personal protection</b>	
<b>Exposure limits</b>	None established
<b>Exposure control</b>	No special engineering controls are required. Use with good general ventilation.
<b>Personal exposure equipment</b>	
Skin protection	Impervious gloves, such as Nitrile or equivalent, should be worn to prevent skin contact.
Eye protection	Safety glasses or chemical goggles should be worn to prevent eye contact.
Respiratory protection	Under normal conditions, the use of this product should not require respiratory protection. If overexposure should occur and ventilation is not adequate to maintain airborne concentrations at acceptable levels, the use of respiratory protection should be evaluated by a qualified professional.
<b>Environmental exposure controls</b>	Prevent the product from entering drains and watercourses.

<b>9 Physico-chemical properties</b>	
<b>Appearance</b>	Ra: brown suspensions with solid particles; Rb: clear and transparent liquid
<b>Odour</b>	Not available
<b>Melting point</b>	Not available
<b>Boiling point</b>	Not available
<b>Flash point (typical)</b>	Not applicable
<b>Explosive properties</b>	Not available
<b>Oxidizing properties</b>	Not available
<b>Autoignition</b>	Not applicable

<b>Temperature</b>	
<b>Vapour pressure</b>	Not available
<b>Relative density</b>	Not available
<b>Specific gravity</b>	Not available
<b>PH</b>	Ra: pH 7.0-8.0,Rb: pH 7.0-8.0
<b>Solubility: in water</b>	Paramagnetic microparticles: unsolvable; Others: soluble
<b>Solubility: in solvents</b>	Not available
<b>Partition coefficient</b>	Not applicable
<b>Viscosity</b>	Not available
<b>Vapour density</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Corrosivity to metal</b>	Not available

<b>10 Stability and reactivity</b>	
Stable under normal conditions of use.	
Frozen, high temperature, light	
Not available	
Not available	

<b>11 Toxicological information</b>	
<b>Toxicokinetics,metabolism and distribution</b>	Not available
<b>Acute toxicity</b>	Not available
<b>Corrosivity/irritation</b>	
Skin contact	May cause skin irritation
Eye contact	May cause eye irritation.
Inhalation	May cause respiratory tract irritation.
Ingestion	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhea.
<b>Sensitisation</b>	Not available
<b>Repeated-dose toxicity</b>	Not available

<b>Carcinogenicity/Mutagenicity/Reproductive toxicity</b>	Not available
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<b>12 Ecological information</b>	
<b>Ecotoxicity</b>	Not available
<b>Mobility</b>	Not available
<b>Persistence/degradability</b>	Not available
<b>Bioaccumulation potential</b>	Not available
<b>Results of PBT</b>	Not available
<b>Other adverse effects</b>	Not available
No ecological information available for this product. Do not dispose of large quantities to waterways, drains or sewers.	

<b>13 Disposal considerations</b>	
<b>Product/ Packaging</b>	Dispose of waste product, unused product in accordance with governmental requirements.

<b>14 Transport information</b>	
<b>Transport / further information</b>	This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

<b>15 Regulations</b>	
Labelling according to the EU Directives.	

## 16 Other information

The reference company name of written contents

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Information of this Safety Data Sheet represents the today's state of our knowledge. The purpose is to characterize the product regarding safety precautions having to be kept. This document will not be a certification of features and will not be the basis of a legal contract.

This SDS was prepared sincerely on the basis of the information we could obtained; however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.