

## MATERIAL SAFETY DATA SHEET (MSDS)

Version  
1.1

Revision Date:  
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### I. Product and Company Identification

Product Name: COVID-19 Antigen-Schnelltest (Kolloidales Gold)

Company Information: MR Sanicom GmbH  
Kapuzinerstraße 48  
D-80469 München

Customer Support: +49 (89) 277 817 990

Emergency Number: +49 (89) 45 206 79 30  
This number is available only during business hours  
(9:00am to 6:00pm CET)

### II. Hazard Identification

OSHA Hazards: No known OSHA hazards

GHS Hazards: Not a dangerous or hazardous substance or preparation  
according to the Global Harmonized System (GHS).

HMIS Ranking:  
*Health hazard* 1  
*Flammability* 0  
*Physical hazards* 0

NFPA Rating:  
*Health hazard* 1  
*Fire* 0  
*Reactivity hazard* 0

Potential Health Effects:  
Not known to produce adverse health effects

**III. Composition/ Information on Ingredients**

This product consists of a test strip encased in a plastic cassette. Disposable sample extraction tube accompanies the test strip with the following components.

**TABLE 1**

NAME OF SUBSTANCE	%	CAS#	HAZARD
Sodium dihydrogen phosphate dihydrate	0.03	13472-35-0	Skin Irrit. 2
Sodium phosphate dibasic dodecahydrate	0.3	10039-32-4	Skin Irrit. 2
Sodium chloride	0.8	7647-14-5	Skin Irrit. 2
Casein sodium salt from bovine milk	1	9005-46-3	Skin Irrit. 2

**IV. First Aid Measures**

<u>In case of eye contact:</u>	Flush eyes with water for a recommended 15 minutes
<u>In case of inhalation:</u>	Remove to fresh air and contact a physician
<u>In case of skin contact:</u>	Flush eyes with water for a recommended 15 minutes
<u>In case of ingestion:</u>	Contact a physician in case of ingestion

**V. Fire-Fighting Measures**

No flammable properties are associated with this product.

<u>Extinguishing media:</u>	Use water spray, dry chemical or carbon dioxide
<u>Hazardous combustion products:</u>	May result in the formation of nitrogen and carbon oxides
<u>Special protective equipment for firefighters:</u>	Wear self-contained breathing apparatus for firefighting if necessary
<u>Additional information:</u>	Plastic cartridge emits fumes under fire

**VI. Accidental Release Measures**Personal precautions:

<i>Eye Protection</i>	Wear safety goggles or a face shield when cleaning up spills
<i>Skin Protection</i>	Wear protective attire that prevents contamination of skin and personal clothing
<i>Hand Protection</i>	Wear nitrile or vinyl gloves that cover exposed skin
<i>Other Protections</i>	Avoid breathing mists, dusts, and aerosols
<u>Environmental Controls:</u>	Prevent spilled product from entering drains

Spill Clean-up Measures: Contain the material to prevent it from becoming airborne  
Place absorbent material on top of, and around the perimeter of the spill  
Sweep up the spilled material and decontaminate the area with soap and water or an equivalent cleaner

## VII. SECTION 7 HANDLING AND STORAGE

Precautions for handling: Avoid contact between test area and skin, eyes or clothing. Wash thoroughly after handling.

Information about protection against explosions and fires: This product is not flammable

Precautions for storage: Store at 2-30°C in original sealed package.

## VIII. Exposure Controls/Personal Protection

None of the chemicals in this preparation are assigned occupational exposure limits. This product can be safely handled under normal conditions. No special protection needed.

Engineering Controls: Provide ventilation in work areas where this product is handled

Personal Protective Equipment: Safety glasses and chemical-resistant gloves recommended

## IX. Physical and Chemical Properties

Physical state: The kit includes test cassette (which consist of nitrocellulose test strip encased in a plastic cassette), extraction buffer, dropper, paper cup and package insert.

None established

Odor threshold: None available for:

Chemical Properties:

- pH
- Melting point
- Boiling point
- Flash point
- Lower Explosive Limit
- Upper Explosive Limit
- Vapor pressure
- Vapor density (air=1)
- Density (g/cm<sup>3</sup>)
- Water solubility (20°C in g/l)
- Auto ignition temperature

## X. Stability and Reactivity

<u>Reactivity:</u>	This preparation is not known to be violently reactive
<u>Chemical Stability:</u>	This preparation is known to be chemically stable
<u>Thermal Decomposition:</u>	Will decompose when burned
<u>Conditions to Avoid:</u>	Excess heat or flame
<u>Incompatible Materials:</u>	No data available
<u>Hazardous Decomposition Products:</u>	No harmful decomposition products known
<u>Storage Conditions:</u>	Follow manufacturer's PI instructions for storage.

## XI. Toxicological Information

Toxicological properties have not been investigated for the test strip. Table 2 below lists the chemicals contained in the tube and their toxicology information:

**TABLE 2**

NAME OF SUBSTANCE	ACUTE TOXICITY LD <sub>50</sub> / LC <sub>50</sub>	CHRONIC TOXICITY (CMR) <sup>1</sup>
Sodium dihydrogen phosphate dihydrate	8290mg/kg(Oral, Rat)	No data available
Sodium phosphate dibasic dodecahydrate	17000mg/kg (Oral, Rat)	No data available
Sodium chloride	3000 mg/kg (Oral, Rat)	No data available

## XII. Ecological Information

No information found. This preparation is not anticipated to present adverse ecotoxicological effects.

## XIII. Disposal Considerations

<u>Waste Treatment Methods:</u>	Check regional waste requirements
<u>Waste Treatment Options:</u>	Treatment options approved by local authorities
<u>Sewage Disposal Options:</u>	Check with local authorities before discharge to the sewer
<u>Other Disposal Recommendations:</u>	Dispose of according to local, state, and national regulatory requirements
<u>U.S. Waste Classification:</u>	Biological waste after use
<u>California Waste Codes:</u>	None

**XIV. Transport Information**

ADR/RID

Not dangerous goods

IMDC

Not dangerous goods

IATA

Non-toxic and non-dangerous good

NOT RESTRICTED as per IATA DGR 62TH,2021 Edition

**XV. Regulatory Information**US OSHA:

Not regulated as a hazardous material

US EPA:

Hazards to the environment have not been thoroughly investigated

EU Regulations:

This material safety data sheet conforms to Regulation (EC) No 1272/2008, 1907/ 2006, and other requirements established by the European Union

National Regulations:

None found

Chemical Safety Assessment: A Chemical Safety Assessment has not been completed for this product**XVI. Other Information**

The above information is believed to be correct but does not purport to be inclusive and shall be used only as a guide. Abaxis shall not be held liable for any damage resulting from handling or from contact with the above product.