

Material Safety Data Sheet

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

1.1 Product identifier

Product name: COVID-19&Influenza A+B Antigen Combo Rapid Test
Brand: SAFECARE

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

Identified use(s): In vitro diagnostic reagent.

1.3 Details of the supplier of the safety data sheet

Manufacturer : Safecare Biotech(Hangzhou)Co.,Ltd.
Address: Building 2/203,No18 Haishu RD, Hangzhou, 311121 China
Tel: +86(0)571 81389219
Fax: /

1.4 Emergency telephone number

Tel: +86(0)571 81389219

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Hazard classification according to GHS:

The product is not dangerous and it has no hazardous classification.

2.2 Label elements

Hazard pictograms: None
Signal word: None

2.3 Other hazards

None anticipated.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Description: In vitro diagnostic reagent test device. Laminated test device consisting of solid support materials impregnated with dried chemical / biochemical reagents.

List of ingredients

| Component | % W/V |
|------------------------------|--------|
| Sample pad | 0.10% |
| Colloidal gold dye pad | 0.10% |
| Plastic card board | 87.45% |
| PVC | >2.5% |
| Acrylic Acrylate | <0.5% |
| Nitrocellulose | >0.01% |
| COVID-19 antibody | <1.4% |
| Influenza A antibody | <1.4% |
| Influenza B antibody | <1.4% |
| Sodium dihydrogen phosphate | <0.2% |
| NaCl | <1% |
| Cellulose microcrystalline | >0.4% |
| Fiberglass | >0.20% |
| Silica gel | >0.12% |
| Poly(Ethylene Terephthalate) | >0.14% |
| Aluminium | >0.14% |
| Polypropylene | >0.14% |

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor.

Inhalation: Supply fresh air or oxygen; consult doctor in case of complaint.

Skin Contact: Wash skin with soap and water.

Eye Contact: Rinse cautiously with water for several minutes. Consult a doctor in case of complaint.

Ingestion: Wash out mouth with water. Take off contaminated clothing and shoes immediately.
Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed.

None.

4.3 Indication of the immediate medical attention and special treatment needed.

None.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: CO₂, Water, multipurpose dry chemical or halon-fire extinguisher.

5.2 Special hazards arising from the substance

The nitrocellulose membrane is classified as a flammable solid. Keep away from excessive heat, fire or flame be released.

5.3 Advice for fire-fighters

Use fire-extinguishing methods suitable to surrounding conditions. Wear full protective suit and self-contained breathing apparatus (SCBA) when extinguishing fires.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Take proper precautions to minimize exposure by using appropriate personal protective equipment. Shut off all sources of ignition.

6.2 Environmental precautions:

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up:

Collect material and dispose of as waste according to Section 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with the eyes, skin and mucous membranes.

Keep out of reach of children.

Wash hands before breaks and after work. Clean work areas with hypochlorite or other disinfecting agent.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container at 4 to 30°C.

7.3 Specific end use(s)

Use as per instructions for use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters .Occupational Exposure Limits

There are no established exposure limits for this product, nor indicated for any ingredients.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Minimize any anticipated skin and eye contact with the strip.

8.2.2 Personal protection equipment

| | |
|----------------------|---|
| Eye/face protection: | Safety glasses and Face shield recommended. |
| Respiratory | Inhalation not anticipated in intended use. Respiratory protection not necessary. |
| Protection: | |
| Skin Protection: | Wear impervious protective clothing, including boots,gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. |
| Hand Protection: | Wear protective gloves (such as butyl rubber) |
| Hygiene measures: | Avoid contact with skin, eyes and clothing. Wash hands before and after test. |

8.2.3 Environmental Exposure Controls

No special measures are required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Appearance: | Laminated test device consisting of solid support materials impregnated with dried chemical / biochemical reagents. |
| Colour: | White. |
| Odour: | no odour |
| Odour Threshold (ppm): | not applicable |
| pH (Value): | no data available |
| Melting Point (°C) / Freezing Point (°C): | no data available |
| Boiling point/boiling range (°C): | no data available |
| Flash Point (°C): | not applicable |
| Evaporation rate (BA = 1): | not applicable |
| Flammability (solid, gas): | no data available |
| Explosive limit ranges: | not applicable |
| Vapour Pressure (mm Hg): | not applicable |
| Vapour Density (Air=1): | not applicable |
| Density (g/mL): | no data available |
| Solubility (Water): | no data available |
| Solubility (Other): | no data available |
| Partition Coefficient (n-Octanol/water): | no data available |
| Auto Ignition Temperature (°C): | no data available |
| Decomposition Temperature (°C): | no data available |
| Viscosity (mPa.s): | no data available |
| Explosive properties: | not explosive |
| Oxidising properties: | not oxidising |

9.2 Other information

Not available

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|--|
| 10.1 Reactivity | None known. |
| 10.2 Chemical stability | The product is stable in accordance with the recommended storage conditions. |
| 10.3 Possibility of hazardous reactions | No data available. |
| 10.4 Conditions to avoid | Excessive heat, direct sunlight (nitrocellulose). |
| 10.5 Incompatible materials | None known. |
| 10.6 Hazardous Decomposition Product(s) | Under norm conditions of storage and use, hazardous decomposition products should not be produced. |

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Mixtures

| | |
|----------------------------|---|
| Acute toxicity: | no data available |
| Corrosivity: | no data available |
| Sensitisation: | no data available |
| Repeated dose toxicity: | no data available |
| Mutagenicity: | no data available |
| Toxicity for reproduction: | no data available |
| Carcinogenicity: | 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. |

11.1.2 Health Effects and Symptoms

| | |
|---------------|---|
| Skin Contact: | Toxic if absorbed through skin. May cause skin irritation |
| Eye Contact: | May cause eye irritation |
| Ingestion: | No significant harmful effects anticipated |

11.2 Other information

Not applicable

SECTION 12: ECOLOGICAL INFORMATION

| | |
|---|--|
| 12.1 Toxicity: | The product does not contain significant quantities of ingredients that are environmentally toxic. |
| 12.2 Persistence and degradability: | The product is likely to persist in the environment. |
| 12.3 Bioaccumulative potential: | None anticipated. |
| 12.4 Mobility in soil: | The product is predicted to have low mobility in soil. |
| 12.5 Results of PBT and vPvB assessment: | Not applicable. |
| 12.6 Other adverse effects: | Not applicable. |

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|------------------------|---|
| 13.1 Product: | Used devices should be disposed of as potentially biohazardous material in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information. |
| 13.2 Packaging: | Disposal should be in accordance with local, state or national legislation. Contaminated packaging must be disposed of in the same manner as the product. Non-contaminated packaging materials may be recycled. |

SECTION 14: TRANSPORT INFORMATION

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|---------------------------------|----------------------|
| 14.1 Land Transport: | Not dangerous goods. |
| 14.2 Air Transport: | Not dangerous goods. |
| 14.3 Maritime Transport: | Not dangerous goods. |

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

| | |
|---|---|
| 15.1 SARA 302 Components: | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. |
| 15.2 SARA 313 Components: | This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |
| 15.3 EINECS , TSCA , DSL IECSC,15.3 EINECS , TSCA , DSL IECSC: | This product does not contain any hazardous ingredients above trigger levels. |
| 15.4 EEC Classification and Labeling: | None required. |

SECTION 16: OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.