

Material Safety Data Sheet

Vstrip COVID-19 Antigen Rapid Test

1 Product and Company Identification

Product Name : Vstrip COVID-19 Antigen Rapid Test
 Cat. No. : IG10020S
 Brand Name : Vstrip
 Company Name : PANION & BF BIOTECH INC.
 Manufacturer : PANION & BF BIOTECH INC. XIZHI FACTORY.
 Address : 6F.-3, No.306, Sec. 1, Datong Rd., Xizhi Dist.,
 New Taipei City, Taiwan
 Phone Number : + 886-2-2691-9895
 Fax Number : + 886-2-2691-9878

2 Hazards Identification

- 2.1 Hazard description :
Irritant (Xi)
- 2.2 Information concerning particular hazard for human and environment (Risk phrases):
1. R21 Harmful in contact with skin
 2. R22 Harmful if swallowed
 3. R36 Irritating to eyes
 4. R38 Irritating to skin
- 2.3 Classification according :
- Dangerous Substances Directive (67/548/EEC) Annex II
 Dangerous Substances Directive (67/548/EEC) Annex III

3 Product Composition /Information On Ingredient

Dangerous Chemical Information

No.	Name	CAS #	EC-No #	Classification	Concentration (%)
1	Sodium Azide	26628-22-8	247-852-1	H300, H310, H373, H400, H410	< 0.1%
2	Sodium Hydroxide	1310-73-2	215-185-5	H314	< 0.5%

(EU regulation (EC)No 1272/2008 on classification, labelling and packaging of chemical substances and mixtures)

Ingredients derived from cells or tissues of human or animal origin

No.	Name	CAS #	Description	Concentration (%)
1	Albumin bovine serum, BSA	9048-46-8	BSA is a single polypeptide chain consisting of about 583 amino acid residues and no carbohydrates. At pH 5-7 it contains 17 intrachain disulfide bridges and 1 sulfhydryl group.	< 1%

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4 Hazardous Information

In case of contact may cause irritation of nose and throat and difficulty in breathing, a burning sensation in the nose and throat and coughing. May cause skin irritation and burns and mucosal irritation of eyelids, nasal and oral passages.

Primary Routes of Entry : Eyes, inhalation and ingestion.

5 First Aid

- 5.1 Inhalation: Move casualty to fresh air and keep at rest. Get medical attention if symptoms persist.
- 5.2 Eyes: In case of eye contact, rinse with plenty of water and seek medical attention immediately.
- 5.3 Skin: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention immediately.

6 Fire and Explosive Data

- 6.1 Extinguishing Media: Product is not flammable. Use appropriate media for adjacent fire. Cool containers with water, keep away from common metals.
- 6.2 Fire-fighting procedures: Use carbon dioxide, dry chemical powder or appropriate foam to extinguish.
- 6.3 Hazardous combustion products: Emits toxic fumes under fire conditions.

7 Accidental Release Measures

- 7.1 Personal precautions:
 - 7.1.1 Respiratory protection: If necessary use an approved respirator.
 - 7.1.2 Eye protection: Wear chemical safety glasses with a face shield for splash protection.
- 7.2 Skin and body protection: Wear rubber gloves, apron and other protective clothing appropriate to the risk of exposure.
- 7.3 Environmental precautions: Cleanup personnel need personal protection from inhalation and skin/eye contact. Evacuate and ventilate the area.

8 Physical and Chemical Properties

- 8.1 Stored at 15-30°C.
- 8.2 Once opened should be used immediately.

9 Exposure Controls / Personal Protection

- 9.1 Respiratory protection: If necessary use an approved respirator.
- 9.2 Eye protection: Wear chemical safety glasses with a face shield for splash protection.
- 9.3 Skin and body protection: Wear rubber gloves, apron and other protective clothing appropriate to the risk of exposure.

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9.4 Other Recommendations: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

10 Physical and Chemical Properties

1. Physical state and appearance: Solid.
2. Liquid pH: 6-8.
3. Boiling Point: Not available.
4. Melting Point: Not available.
5. Critical Temperature: Not available.
6. Vapor Pressure: Not applicable.
7. Vapor Density: Not available.
8. Volatility: Not available.

11 Stability and Reactivity Data

1. Stability: Stable(at 15-30°C).
2. Instability Temperature: Not available.
3. Conditions of Instability: Not available.
4. Incompatibility with various substances: Avoid contact with strong oxidizing agents, acids, alkalis, heavy metal.

12 Ecological Information

1. Ecotoxicity: Not available.
2. BOD5 and COD: Not available.
3. Products of Biodegradation: Not available.
4. Toxicity of the Products of Biodegradation: Not available.
5. Special Remarks on the Products of Biodegradation: Not available.

13 Disposal Considerations

Not available.

14 Transport Information

UN-Number ADR,RID,ADN, IMDG, IATA	Not regulated
UN proper shipping name ADR,RID,ADN, IMDG, IATA	Not regulated
Transport hazard class(es) ADR,RID,ADN, IMDG, IATA Class	Not regulated
Packing group ADR,RID,ADN, IMDG, IATA	Not regulated
Environmental hazards	Not regulated

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Special precautions for user	Not regulated
Transport in bulk according to Annex II of Marpol and the IBC Code	Not regulated
Transport/Additional information	Not dangerous according to the above specifications
UN "Model Regulation"	-

15 Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

GHS hazard statements

H300: Fatal if swallowed	H314: Causes severe skin burns and eye damage
H310: Fatal in contact with skin	H373: May cause damage to organs through prolonged or repeated exposure
H311: Toxic in contact with skin	H410: Very toxic to aquatic life with long-lasting effects

*EU regulation (EC) No 1272/2008 on classification, labelling and packaging of chemical substances and mixtures