MSDS for COVID-19 Buffer

I .1.Indentification of the product

Product Name: COVID-19 Buffer

Brand: RightSign®

I .2.Use of the preparation

The COVID-19 Buffer is a kind of lubricating fluid only used with COVID-19 Rapid Test for the qualitative detection of IgG and/or IgM to SARS-COV-2 in whole blood, serum or plasma as an aid in the diagnosis of SARS-COV-2 infection.

I .3.Company Indentifiation

Company: Hangzhou Biotest Biotech Co., Ltd.

Address: #17 Futai Road, Zhongtai Street, Yuhang District, Hangzhou-311121. P.R.China.

Tel: +86-571-89058016

Fax: +86-571-88633388

E-mail: info@biotests.com.cn

I .4.Emergency telephone No.

Emergency telephone:+86-571-89058016

II Information of Ingredients

Name of Ingredients	Cas No. of Ingredients	Concentration of Ingredients
Sodium Chloride	7647-14-5	≈9.0 g/L
Sodium Phosphate Dibasic	7782-85-6	≈7.0g/L
Sodium Azide	26628-22-8	0.2 mg/ml
Casein Sodium	9005-46-3	≈5.0 g/L
Kanamycin Sulfate	25389-94-0	0.25 g/L

III Hazards Indentification

Sodium Phosphate Dibasic is one of the irritant substances.

Sodium Azide is one of acute toxicity.

IV First aid measures

First-aid personnel: The personnel must wear protective clothing and gloves etc.

After inhalation: N/A

After skin contact: 1. Flush with water for at least 10 minutes while removing contaminated clothing.
2. Get medical aid immediately. Wash clothing before reuse.

After eye contact: Open the lid and rinse with water for 10 minutes. If the pain continues, inform the eye specialist for medical treatment as soon as possible.

After swallowing: 1. Drink lots of water.
2. Induce vomiting.

3. See the doctor

V. Fire-fighting measures

N/A

VI Accidental release measure

N/A

VII. 1. Handling

Good Laboratory Practices(disposal gloves)

VII. 2. Storage

Store in a dry place at +2℃ to +30℃
Avoid storage near to heat sources
Accessible only for authorized persons

VIII. Exposure controls/personal protection

Use disposal gloves.

IX. Physical and chemical properties

Colour: colourless liquid
Odour: N/A
pH value: 7.4±0.1
Melting point: N/A
Ignition temperature: N/A
Flash point: N/A
Explosion limits: N/A
Density: N/A

X. Stability and reactivity

1. Stable
2. Conditions to be avoided: Strong heating, direct contact with flames.

XI. Toxicological information

N/A

XII. Ecological information

The COVID-19 Buffer should be discarded in a proper biohazard container after testing.

XIII. Disposal considerations

After testing, the COVID-19 Buffer must be disposed of compliance with the respective national regulations.

XIV. Transport information

UN number: 1687（Sodium Azide）
According to the latest revised "International Maritime Dangerous Goods Rules", the product is non-dangerous.

XV. Regulatory information

In accordance with the appropriate EC directives.

This product is for in vitro diagnostic use therefore must complie with the European Directive 98/79/EC bearing the CE label prior to the placing on the market.

XVI. Other information

For professional in vitro Diagnostic use only. Consult instructions for use.

References:

1. REGULATION (EC) No 1907/2006
2. REGULATION (EC) No 1272/2008
3. IVDD 98/79/EC
4. World Health Organization (WHO). WHO Statement Regarding Cluster of Pneumonia Cases in Wuhan, China. Beijing: WHO; 9 Jan 2020.
5. Weiss SR, Leibowitz JL. Coronavirus pathogenesis. Adv Virus Res 2011;81:85-164.
6. Cui J, Li F, Shi ZL. Origin and evolution of pathogenic coronaviruses. Nat Rev Microbiol 2019; 17:181-192.
7. Su S, Wong G, Shi W, et al. Epidemiology, genetic recombination, and pathogenesis of coronaviruses. TrendsMicrobiol 2016;24:490-502.