

MSDS (MATERIAL SAFETY DATA SHEET) FOR COVID-19 ANTIGEN RAPID TEST**Revision Date-No:21.04.2021-0****Section 1:****Company and Material Identification****Manufacturer:** CHIL TIBBİ MAL.SAN.TİC.LTD.ŞTİ**Address:** 10028 Sok. No:11 A.O.S.B 35620 Çiğli / İzmir - TURKEY**Phone:** (+90) 232 290 16 88**Fax:** (+90) 232 290 13 23**Email:** info@chil.com.tr**Product Name:** COVID-19 Antigen Rapid Test**Section 2:****Product Composition and Controls**

The self-contained one step test device includes all the reagents necessary to complete one test. The test area consists of a nitrocellulose membrane strip treated with thin line of antigen, a fiberglass pad containing antigen/dye conjugate.

The unit does not contain any human source material.

List of ingredients:

1. Nitrocellulose membrane with Mylar backing and coated with a control line and test lines:

Control line: Goat anti Chicken IgY polyclonal antibody

Test line: 2019-nCoV antibody

2. Lyophilized fiberglass membrane with 2019-nCoV antibody, Chicken IgY.

3. Absorbent Paper

4. Sample pad

5. Desiccant

6. Foil pouch

7. Plastic Card (for test cards)

8. Extraction Tube Holder

9. Foam swabs(optional)

10. Buffer

Ingredient of buffer		
Ingredient	Unit	Quantity
Tween-20	%	0.2
Proclin 300	%	0.03
Na ₂ HPO ₄ .12H ₂ O	g/mL	0.0258
NaH ₂ PO ₄ .2H ₂ O	g/mL	0.0044

Section 3: Health Hazards

Warning Statement: For *in vitro* medical diagnostic use only.

Eye: None

Skin: None

Inhalation: None

Ingestion: None

Chronic Toxicity: None known.

Reproductive and Developmental Toxicity: The components of this product are not considered reproductive or developmental toxins.

Carcinogenicity: Not data available.

Medical Conditions Aggravated by Exposure: Not data available.

Section 4: First-Aid Measures

Eye Contact: Immediately flush eyes thoroughly with water for at least 15 minutes. If discomfort persists notify medical personnel.

Skin Contact: Immediately wash thoroughly with soap and water for 15 minutes. If discomfort persists notify medical personnel.

Inhalation: Immediately move to fresh air. If discomfort persists notify medical personnel.

Ingestion: Drink a moderate amount (8-12 oz.) of water and immediately notify medical personnel. Never give anything by mouth to an unconscious person.

Section 5: Fire Fighting Measures

Unusual Fire and Explosion Hazards: The nitrocellulose membrane is classified as a flammable solid. Keep away from excessive heat, fire or flame.

Hazardous Combustion Products: Oxides of carbon and nitrogen.

Extinguishing Media: Water, carbon dioxide, multipurpose dry chemical or halon-fire extinguisher.

Special Fire Fighting Equipment: Wear full protective clothing and NIOSH/MSHA-approved positive pressure, self-contained

Section 6:

Accidental Release Measures

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

Section 7: Handling And Storage

Avoid contact between test area and skin, eyes or clothing. Wash thoroughly after handling. Store at 2- 30 °C in original sealed package.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits: There are no established exposure limits for this product, nor indicated for any ingredients.

Eye and Face Protection: Wear safety glasses with side shields or full face shield if eye contact is likely. The choice of protection should be based on the potential for exposure to the eyes and face.

Respiratory Protection: Inhalation not anticipated in intended use. Respiratory protection not necessary.

Skin Protection: Wear gloves, lab coat, or other protective overgarment if skin contact is likely. The choice of skin protection should be based on the job activity and potential for exposure to the skin.

Engineering Controls: Minimize any anticipated skin and eye contact with test strip.

Other: Wash hands immediately after handling this material (especially before eating, drinking or smoking).

Section 9: Physical And Chemical Properties

Appearance, Color and Odor: Flat, white plastic housing containing white, narrow membrane test strip; odorless.

pH: Not applicable.

Boiling Point: Not applicable.

Melting Point: Not applicable.

Molecular Weight: Not available.

Flash Point: 200 °C (nitrocellulose membrane)

Low Limit: Not available.

High Limit: Not available.

Autoflammability: Not available.

Explosive Properties: None.

Oxidizing Properties: None.

Specific Gravity (H₂O=1): Not available.

Solubility: Water: Nitrocellulose: insoluble.

Reagents: soluble

Fat: Not available.

Partition Coefficient: Not available.

Section 10:

Stability And Reactivity

Stability: Stable under normal conditions of use. Hazardous polymerization is not expected to occur. Over many years nitrocellulose will polymerize and become brown. Polymerization reduces the flash point.

Hazardous Decomposition Products: Oxides of carbon and nitrogen.

Conditions to Avoid: Excessive heat, direct sunlight (nitrocellulose.).

Incompatibility: Incompatible with strong acids or alkalies.

Section 11:

Toxicological Information

See Section 3 for Additional Information on Health Hazards.

Inhalation: None.

Skin (irritancy and Acute Toxicity): None.

Eye (irritancy and Acute Toxicity): None.

Ingestion: None

Chronic Toxicity (Target Organ Effects): None.

Carcinogenicity: None.

Reproductive and Developmental Toxicity: None.

Mutagenicity: None.

Section 12:

Ecological Information

Persistence and Degradability: No data available.

Aquatic Toxicity: No data available for this product.

Section 13:

Disposal Considerations

Dispose of waste materials according to prescribed national and local regulations.

Section 14:

Transport Information

Land Transport (ADRIRID): Not regulated.

Air Transport (ICAO/IATA): Not regulated.

Maritime Transport (IMO-IMDG): Not regulated.

According to the 60th edition 2019 of IATA Dangerous Goods Regulation, the products are not dangerous, poisonous, harmful, corrosive, flammable or explosive. They are not spiritual medicines, not anesthetic or narcotic, and can not be used to make bio-chemical weapons. They are in sealed packages and conform to the export requirements by China Customs and CAAC. The products is safe for air/ocean transportation and not regulated by IATA DGR/IMDG

Section 15:

Regulatory Information

EINECS Status: This product does not contain any hazardous ingredients above trigger levels.

EEC Classification and Labeling: None required.

Section 16:

Other Information

The above information is based on data available to us and is believed to be correct. Since the information may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of its use and all persons receiving it shall make their own determination of the effects, properties, and protections which pertain to their particular conditions.

No representation, warranty, or guarantee, express or implied (including a warranty of fitness or merchantability for a particular purpose), is made with respect to the material,

the accuracy of this information, the results to be obtained from the use thereof, or the hazards connected with the use of the material. Caution should be used in the handling and use of the material.

DATE ISSUED: 2021-04-21

The information contained herein based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. Chil shall not be held liable for any damage resulting from handling or from contact with the above product.

CHIL Regulatory Department

CHIL TIBBİ MAL.SAN. VE TİC. LTD. ŞTİ.
10028 Sok. No:11 A.O.S.B. Çiğli-İZMİR
Çiğli V.D: 200 054 4455 Tic.Sic.No:159143
Mersis No:020905444500019