



MATERIAL SAFETY DATA SHEET

iClean VTM -RT

Revision Date: Aug 11st 2020

Section 1 – Product and Company Identification

1.1 Manufacturer Information

Manufacturer :Huachenyang(Shenzhen) Technology Co.,Ltd

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1.2 Product Information

Product Name: iclean Viral Transport Media with swab (VTM Kit)

Media catalog No.:CY-F003-40-NGS, CY-F003-40-NGSH,CY-F003-40

Kit Catalog number: CY-F005-20-NGS, CY-F005-20-NGSH,CY-F005-20

Intended Use: the collection, transport & long-term storage of viruses, chlamydiae, mycoplasmas and ureaplasma organisms from the collection site to the testing laboratory at ambient temperature, which maintain the viability of organisms while inhibiting antimicrobial contaminants and promoting safety.

Components: specimen collection swab & viral culture media individual wrapped in peel pouch or bulk packed zip bag.

Section 2 – Hazard Identification

2.1 Classification of the Substance of Mixture(s) Not a hazardous substance or mixture.

2.2 GHS Label Elements, including Precautionary Statements Not a hazardous substance or mixture.

2.3 Hazards Not Otherwise Classified (HNOC) or not covered by GHS

Follow Universal Precautions when working with the components of this kit and patient samples.

This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200, the Canada's Workplace Hazardous Materials Information System (WHMIS) and the European Directive 91/155/EEC, and 93/112/EC.

Section 3 – Composition / Information on Ingredients

3.1 Mixtures

Contains non-hazardous quantities of proprietary ingredients according to OSHA (29 CFR 1910.1200).

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

3.2 No chemicals need to be disclosed according to the applicable regulations for the components in this kit.

Section 4 – First Aid Measures

4.1 Description of First Aid Measures

Show this product label or this MSDS.

If inhaled: Move the person to fresh air and support breathing as required.

In case of skin contact: Wash affected area with soap and water. Seek medical advice if irritation develops.

In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical advice if irritation develops.



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4.2 Most Important Symptoms and Effects (both acute and delayed)

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

No specific measures identified. "iclean" is the trademark of Huachenyang(Shenzhen) Technology Co.,Ltd

Section 5 – Fire Fighting Measures

Only individuals properly trained and issued appropriate personal protective equipment should respond and attempt to extinguish a fire.

5.1 Suitable Extinguishing Media

For small fires, use dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Special Hazards Arising From the Substance or Mixture

Nature of decomposition products not known.

5.3 General Fire Hazards

The components within this kit will not significantly contribute to the intensity of a fire.

5.4 Fire Fighting Equipment

Firefighters should wear full protective gear when responding to fires.

Section 6 – Accidental Release Measures

Only individuals properly trained and issued appropriate personal protective equipment should respond and attempt to clean up a spill or release. A large spill of the components contained within this kit is unlikely.

6.1 Personal Precautions

Avoid breathing vapors, mist or gas.

6.2 Environmental Precautions

Contain spill to prevent migration to drains, sewers or open water sources. Discharge to the environment must be avoided.

6.3 Methods and Materials for Clean-Up

Soak up with inert absorbent material (e.g., paper towel, etc.). Thoroughly wash the area with soap and water after a spill or release clean-up.

6.4 Recovery and Neutralization

Collect spilled material and clean-up supplies and place in a sealed container for disposal. Refer to Section 13 for disposal guidance.

Section 7 – Handling and Storage

7.1 Specific Use

For professional use only – Not for use by the general public.

7.2 Precautions for Safe Handling

As with all chemical and biological substances, avoid getting the components ON YOU or IN YOU. Wash exposed areas thoroughly after using these components. Do not eat or drink while using these components. The components should be handled only by qualified clinical or laboratory employees trained on the use of these swabs and medium and who are familiar with the potential hazards. **Universal Precautions should be followed when handling and working with these components.** Keep out of reach of the general public.

7.3 Conditions for Safe Storage (including any incompatibilities)

To maintain efficacy, store according to the package insert instructions.

7.4 Incompatibilities

To maintain efficacy, store according to the package insert instructions.

Section 8 – Exposure Controls and Personal Protection

8.1 Exposure Limits

No data available for the transport mediums.

8.2 Exposure Controls

Engineering Measures

Use with adequate ventilation.

Personal Protective Equipment

Respiratory Protection

None needed under normal conditions of use.

Skin Protection

Handle with appropriately rated chemical resistant gloves. Gloves should be



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Eye Protection

inspected prior to use. Use proper glove technique to remove gloves to avoid contact with skin. Wash hands after handling the components within this kit.
Wear safety glasses with side shields or goggles to prevent eye contact.

Section 8 – Exposure Controls and Personal Protection (can't.)

Body Protection

Use body protection appropriate for the task. A laboratory coat is recommended.

Hygiene Measures

Wash hands before use, after use and at the end of the workday.

8.3 Environmental Exposure Controls

No special environmental controls are required.

8.4 Special Notes

No data available.



Section 9 – Physical and Chemical Properties

Characteristic	Viral Transport Media (VTM)
Boiling Point (°C)	No data available
Melting Point (°C)	No data available
Specific Gravity (H ₂ O = 1)	No data available
Vapor Pressure (mm Hg)	No data available
Vapor Density (Air = 1)	No data available
Evaporation Rate (Ether = 1)	No data available
pH	7.0-7.8
Solubility in Water	Soluble
Appearance and Odor	Light orange, aqueous liquid, odorless

Section 10 – Stability and Reactivity

Characteristic	Viral Transport Media (VTM)
Component Stability	Stable
Hazard Reaction Potential	No data available
Conditions to Avoid	No data available
Materials to Avoid	No data available
Hazardous Decomposition Products	No data available

Section 11 – Toxicological Properties

11.1 Information on Toxicological Effects

Acute Toxicity	No data available
Skin Corrosion / Irritation	No data available
Respiratory or Skin Sensitization	No data available
Generative Cell Mutagenicity	No data available
Carcinogenicity	No component of this kit present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by the ACGIH, IARC, NTP or OSHA

Section 11 – Toxicological Properties

Reproductive Toxicity	No data available
Teratogenicity	No data available
Specified Target Organ Toxicity	
<u>Single Exposure:</u>	No data available
<u>Repeated Exposure:</u>	No data available
Aspiration Hazard	No data available
Potential Health Effects	
<i>Inhalation:</i>	May cause respiratory tract irritation.
<i>Skin:</i>	May cause skin irritation upon contact.
<i>Ingestion:</i>	May be harmful if swallowed.
<i>Eyes:</i>	May cause eye irritation.



11.2 Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated for the components within this kit.

11.3 Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated for the components within this kit.

Section 12 – Ecological Information

12.1 Toxicity	No data available
12.2 Persistence and Degradability	No data available
12.3 Bioaccumulative Potential	No data available
12.4 Mobility in Soil	No data available
12.5 PBT and vPvB Assessment	No data available
12.6 Other Adverse Effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Avoid disposal to the environment.

Section 13 – Disposal Considerations

13.1 Waste Disposal Instructions

Utilize appropriate personal protective equipment and spill control when handling wastes generated from using this kit. Do not discharge any of the control stocks into drains, water courses or onto the ground.

13.2 Disposal of Product and Contaminated Packaging

Dispose of waste materials, unused components and contaminated packaging in compliance with country, federal, state and local regulations. If unsure of the applicable regulatory requirements, contact a licensed professional waste disposal service to dispose of this material.

Section 14 – Transportation Information

14.1 U.S Department of Transportation (DOT)	These items not regulated for transport.
14.2 International Air Transportation Association (IATA)	These items not regulated for transport.
14.3 International Maritime Dangerous Goods (IMDG)	These items not regulated for transport.



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Standard, European Communities Safety Data Sheets Directive, Canadian Controlled Products Regulations, UK Chemical Hazard information and Packaging Regulations, and UN Globally Harmonized System of Classification and Labeling of Chemicals.

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Damage