

Material Safety Data Sheet

According to EC directive 2001/58/EC

Reviewed on 04 / 02 / 2021

1. Information about chemical products and companies

Product Information

Product Name : **LiliF™ GBN COVID-19 Ag Rapid Kit**
Recommended use of the product : In vitro diagnostic medical to help diagnose SARS-CoV-2 infection by qualifying SARS-CoV-2 antigen in a nasopharyngeal swab sample of a patient with respiratory infection symptoms by immunochromatographic assay (ICA) device
Restrictions on use : Do not use for purposes other than diagnostic reagents.
Manufacturer : **iNtRON Biotechnology, Inc.**
701-704, 137 Sagimakgol-ro, Jungwon-gu, Seongnam-si, Gyeonggi
Tel : 031-739-5678
Fax : 031-739-5072
Responsible Dep. 031-739-5763
Contact information in case of emergency 031-739-5081

2. Name and content of ingredients

- Ingredients
 - Extraction buffer : 300ul x 25 tube
- Extraction buffer
 - Appearance: Colorless liquid
 - Labelling : LiliF™ GBN COVID-19 Ag
 - Ingredient : Borate, Triton X-100, NaCl

3. Risk Hazard

Recommendations for risks to people or the environment

This product is classified as non-hazardous according to European Regulations 67/548/EC and 1999/45/EC.

Possible health effects

Eyes: May cause eye irritation.

Skin: Contact may be irritating to skin.

Inhalation: No expected toxicity from inhalation

4. First aid measures

Inhale

If side effects occur, move to uncontaminated area.

If not breathing, give artificial respiration. Get medical attention immediately.

Skin contact

Take off contaminated clothing and shoes and wash immediately with soap and water for at least 15 minutes.

Seek medical attention if necessary. Thoroughly dry and wash contaminated clothing and shoes before reuse.

Eye contact

Wash your eyes for at least 15 minutes with plenty of water. Seek immediate medical attention.

Intake

If swallowed in large quantities, seek medical attention.

5. Countermeasures in case of explosion or fire

Peptic

Particulate powder extinguishing agent, carbon dioxide, water, general foam.

Large fire

Use regular extinguishing agent or flood with fine water spray.

Fire fighting

Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Build an embankment for further disposal. Use an extinguishing agent adapted to the surrounding fire. Avoid inhalation of the substance or combustion products. Keep in the wind and avoid lowlands.

6. What to do in case of leakage accident

Occupational release: Stop leak if possible without risk by worker.

Small spill: Absorb with sand or other non-combustible material. Collect spilled material in a suitable container for disposal. Keep unnecessary people away, isolate hazard area and deny entry.

7. Handling and storage method

Storage: Store and handle in accordance with current laws and regulations. Store in a closed container.

Store in a cool dry place. Store in a well-ventilated area. Separate from incompatible substances.

8. Exposure prevention and personal protective equipment

Wear appropriately approved respirator, chemical-resistant gloves, protective goggles, and other protective clothing.

Use of safe sour and eye protection solutions

When using, use only a chemical hood.

Avoid contact with eyes, skin and clothing.

Respiratory protection: not required.

Gout: general gout

Protective Gloves: Protective gloves for general laboratory use.

Eye protection: Wear regular eye protection goggles.

9. Physical and chemical properties

- Extraction buffer

Physical state: Liquid / Liquid under storage temperature

10. Stability and Reactivity

Stability: Stable.

Reactivity: Stable at room temperature.

Conditions to avoid: humidity

Decomposition products: None

Polymerization: No polymerization.

11. Toxicological information

No information.

12. Environmental impact

Additional environmental information: No information.

13. Precautions for disposal

Products: Follow the disposal laws of each region. Dispose of it through a company specializing in the disposal of chemical substances.

14. Information required for transportation

Maintain the product storage temperature stated on the product label and manual before transport.

15. Status of legal regulations

This product is classified as non-hazardous according to European Regulations 67/548/EC and 1999/45/EC.

16. Other notes

We are not responsible for the consequences of using this product by a consumer for any purpose other than its intended purpose. The consumer is responsible for evaluating that all regulations regarding the protection of people and the environment are observed in the use, storage and handling of the product.