

Safety Data Sheet

MSDS-EN-25247-R25

Revision Date : 12/04/2025

e-Myco™ VALiD-Q Real-time PCR Kit (v3.0 PRO)

Initial Issue Date : 12/03/2013

Previous Revision Date : -

1. Identification

- Product Name : e-Myco™ VALiD-Q Real-time PCR Kit (v3.0 PRO)
- Product Code : 25247
- Intended Use : Mycoplasma Real-time PCR test kit
- Manufacturer : iNtRON Biotechnology, Inc.
- Address : #701, 702, 904, 905, 137, Sagimakgol-ro, Jungwon-gu, Seongnam-si, Gyeonggi-do, Korea
- Telephone : +82-31-739-5678
- Emergency : +82-31-739-5678

2. Hazards Identification

GHS Classification : - Not classified (non-hazardous product)

Pictogram : - None

Signal Word : - None

Hazard Statements (H phrase) : - None

Precautionary Statements (P phrase) : - None

3. Composition/Information of Ingredients

Components	CAS No.	Content (%)
Magnesium chloride	7786-30-3	0.1 ~ 1%
Potassium Chloride	7447-40-7	2.5 ~ 10%
Tris	77-86-1	1 ~ 5%
Ammonium sulfate	7783-20-2	0.5 ~ 5%
Glycerol	56-81-5	5 ~ 15%
Water	7732-18-5	70 ~ 90%

4. First-Aid Measures

- Inhalation: Not expected to cause symptoms. Provide fresh air if needed.

- Skin Contact: Wash with water if contaminated with impurities.

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- Eye Contact: Rinse with water if irritation occurs.
- Ingestion: Rinse mouth. If large amounts are ingested, seek medical advice.

5. Fire-Fighting Measures

Non-flammable. Use appropriate extinguishing media depending on surrounding materials.

6. Accidental Release Measures

Wipe up with absorbent material or clean cloth. Prevent from entering drains if contaminated.

7. Handling and Storage

Store in a tightly closed container. Avoid contamination and direct sunlight or high temperatures.

8. Exposure Controls / Personal Protection

No specific PPE required under normal use. If contaminated, use appropriate protection.

9. Physical and Chemical Properties

Colorless, Odorless, Boiling Point : Not applicable, Flash Point : Not applicable (non-flammable)

10. Stability and Reactivity

Stable under normal usage conditions.

- Conditions to Avoid: None known
- Incompatible Materials: None known
- Hazardous Decomposition: None under normal use

11. Toxicological Information

Acute Toxicity: Not toxic

Skin/Eye Irritation: Not irritating

Inhalation: No adverse effects expected except in aerosolized form

Carcinogenicity: Not classified

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12. Ecological Information

No environmental hazards known

Readily biodegradable

Not bioaccumulative

13. Disposal Considerations

- If uncontaminated, may be disposed into regular wastewater systems

- Ensure proper classification if contaminated

14. Transport Information

UN Number: Not applicable (non-hazardous)

Hazard Class: Not applicable

Packing Group: Not applicable

Proper Shipping Name: Water (non-hazardous)

IMDG/IATA: Not regulated

15. Regulatory Information

- KOSHA : Not regulated

- Chemical Control Act : Not subject to notification

- Dangerous Substances Safety Act : Not applicable

- Handle and store in accordance with applicable regulations

16. Other Information

This document is based on currently available information and is intended for use under normal conditions.

Date of Preparation: 2025-12-04

Prepared by: iNtRON Biotechnology, Inc.

This document does not constitute legal liability. Users must comply with applicable laws and evaluate risks under their specific conditions.