



Safety Data Sheet (SDS)

SDS first issue: 22/07/2019

Last revision date: N/A

Important note:

Diagenode has evaluated its product according to the latest regulation of the European Union (EU) N°453/2010.

The material Safety Data Sheet is meant to apply to general reagents and good laboratory practices.

1. Product identification/Company identification

Product name: R-DiaLegio

Reference: DPSR-50-L080

Intended use: Detection of *Legionella species* (Lsp) and *Legionella pneumophila* (Lpn) by real-time polymerase chain reaction (PCR)

Manufacturer:

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Contact your local representative or +32(0)43642050

2. Hazards identification

Classification:

Not Classified (EU regulation N°1272/2008).

Label elements:

No specific labelling applicable (EU regulation N°1272/2008).

Inhalation:

No information available.

Ingestion:

May be harmful.

Skin Contact:

No information available.

Eyes Contact:

May cause irritation.

3. Composition/Information on ingredients

The kit contains general buffers and solutions without known hazardous properties.

4. First-aid measures

For any incidents, a medical exam is advisable.

General information:

No special measures required.

Inhalation:

No special measures required.

Ingestion:

Can induce immediate vomiting.

Skin Contact:

Wash copiously with water and soap.

Eye Contact:

Flush eyes copiously with water.

5. Fire-fighting measures

Extinguishing media:

Use any mean suitable to extinguish the surrounding fire: CO₂, ABC powder, water, foam extinguisher.

Unsuitable extinguishing media:

No special measures required.

Special hazards of product:

No special measures required.

Protective equipment for fire-fighting:

Carry an autonomous respiratory protection apparatus and adapted protection clothes.

Information against fires:

No special measures required.

6. Accidental dispersion

Individual precaution:

Use an individual protection equipment: gloves.

Environmental precaution:

Do not allow to enter sewers/surface or ground water.

Method of cleaning:

Clean with an inert absorbent.

7. Handling and storage

Handling:

No specific recommendation is requested.

Storage:

Observe all conditions described in the user manual and on the labels.

Information against fires:

No special measure required.

8. Exposure controls/personal protection

Exposition limit:

No information available.

Technical order measurements:

No information available.

Individual protection equipment:

Respiratory protection:

No special measures required.

Hands protection:

Wear waterproof gloves.

Eyes protection:

Use chemical safety goggles.

Skin protection:

Wear lab coat.

Hygiene measures:

Follow good laboratory hygiene practices and security instructions.

9. Physical and Chemical properties

Physical state:

Liquid.

Odor:

No specific odor.

Odor threshold:

No information available.

pH:

No information available.

Solubility in water:

Soluble.

Boiling point/interval:

No information available.

Fusion point/interval:

No information available.

Flash point:

No information available.

Steam pressure/density:

No information available.

Inflammability:

No information available.

Decomposition temperature:

No information available.

Viscosity:

No information available.

Explosion risk:

No information available.

10. Stability and reactivity

Stability:

Stable under conditions described in the user manual.

Incompatibility with materials:

No information available.

Hazardous decomposition products:

No information available.

11. Toxicological information

Acute toxicity:

No information available.

Eyes lesions/irritations:

No information available.

Skin lesions/irritations:

No information available.

Respiratory sensitization/irritation:

No information available.

Ingestion:

No information available.

Carcinogenesis:

No information available.

Mutagenicity:

No information available.

Toxicity for the reproduction:

No information available.

Organ-specific toxicity:

No information available.

Sensitization:

No information available.

12. Ecological information

Underground mobility:

No information available.

Persistence/degradation:

Intrinsically biodegradable.

Bioaccumulation:

No information available.

Ecotoxicity:

No information available.

13. Disposal considerations

Dispose in accordance with federal, state and local requirements.

14. Transportation information

The product is transported under the label UN3373 Biological substances/category B, in an adapted container. Follow IATA regulations.

ONU number:

N/A.

Expedition name for the United Nations:

N/A.

Transport danger classification :

N/A.

Packaging:

N/A.

Environmental risks:

N/A.

Particular measures for the end user:

N/A.

Bulk transport in accordance with Annex II of Marpol convention 73/78 and IBC collection:

N/A.

15. Regulatory information

This SDS has been written in accordance with European Union Regulation EU N°453/2010.

Product particular regulations:

No information available.

Chemical safety evaluation:

No chemical safety evaluation has been done for this product.

Other informations:

The kit must be used by scientists/laboratory technicians with strong know-how of molecular biology and more particularly with a real-time PCR platform.

Those informations are based on our present knowledge and come from reliable sources. However, those are not exhaustive, and must be considered as a guide.

The kit may present unknown hazards and should be used with caution. Improper use and/or inappropriate combination with other products and substances may produce harmful results. Diagenode s.a. assumes no liability for damages resulting from handling or being in contact with this product.
