



Safety Data Sheet (SDS)

MSDS first issue: 20/01/2011
Last revision date: 24/08/2016

Important note:

Diagenode has evaluated its product with the help of the latest regulation of the European Union: 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: **G-DiaDiff**

Reference: DDGG-30-L100

Intended use: *Clostridium difficile* Real-Time PCR Detection

Manufacturer:

Diagenode s.a:

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2. Hazards identification

Classification:

Not Classified (1272/2008 or CLP).

Label elements:

No labelling applicable (1272/2008 or CLP).

Inhalation:

No information available.

Ingestion:

May be harmful.

Skin Contact:

No information available.

Eye Contact:

May cause irritation.

3. Composition/ Informations on ingredients

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

4. First-aid measures

For all incidents, a medical exam is desirable.

General information:

No special measures required.

Inhalation:

No information available.

Ingestion:

Induce immediate vomiting, refer to medical personnel.

Skin Contact:

Wash copiously with water and soap.

Eye Contact:

Flush eyes copiously with water and refer to medical personnel.

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 information available.

Special hazards of product:

No information available.

Protective equipment for fire-fighting:

Carry an autonomous respiratory protection apparatus and adapted protection clothes.

Information against fires:

No special measures required.

6. Accidental release measures

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/personnal protection

Exposure limits

No information available.

Technical order measurements

No information available.

Individual protection equipments:

Respiratory protection

No information available.

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.

Point/boiling interval

No information available.

Flash point

No information available.

Solubility in water

Soluble.

Point/fusion interval

No information available.

Inflammability

No information available.

Explosion risk

No information available.

10. Stability and reactivity

Stability

Stable under conditions described in the user manual.

Materials to avoid

No information available.

Hazardous decomposition products

No information available.

11. Toxicological informations

Potential effects on health:

Eyes

No information available.

Skin

No information available.

Inhalation

No information available.

Ingestion

No information available.

Specific effects:

Carcinogen

No information available.

Mutagen

No information available.

Toxicity for the reproduction No information available.

Sensitization

No information available.

12. Ecological information

Mobility

No information available.

Persistence/degradation

Intrinsically biodegradable.

Bioaccumulation

No information available.

Aquatic toxicity

No information available.

13. Disposal considerations

Dispose in accordance with federal, state and local requirements.

14. Transportation information

The product is not dangerous.

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 Marpol Annex II regulations 73/78

N/A.

15. Regulatory information

EC legislations used for SDS elaboration: Regulation(EC) 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.
