



# Safety Data Sheet (SDS)

MSDS first issue: 20/01/2011  
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## 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.

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## 1. Product identification/Company identification

Product name: **G-DiaShig**

Reference: DDGG-40-L100

Intended use: Shigella species 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: CO<sub>2</sub>, 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.

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### **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.

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