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: Bordetella (pertussis/parapertussis) Real-time PCR kit
Reference: Dia-Bor-050
Intended use: Bordetella pertussis-parapertussis Real-Time PCR kit

Manufacturer:
Diagenode s.a:
Ligue Science Park
Rue du Bois Saint-Jean, 3
4102 Seraing
Belgium
Tel: +32(0)43642050
Fax: +32(0)43642051
Email: info@diagenodediagnostics.com
http://www.diagenodediagnostics.com

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

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.