Check-Direct CPE for BD MAX™ (Catalog no. 18-0082)
Check-Direct CPE Screen for BD MAX™ (Catalog no. 18-0051)
Check-Direct ESBL Screen for BD MAX™ (Catalog no. 18-0066)

1. Identification of the substance/preparation and the company/undertaking

**Product name**
Check-Direct CPE for BD MAX™, Check-Direct CPE Screen for BD MAX™, Check-Direct ESBL Screen for BD MAX™.

**Supplier**
Check-Points Health B.V.
Binnenhaven 5
6709 PD Wageningen
The Netherlands
Tel: +31 317 453 908
Fax: +31 317 210 147
E-mail: info@check-points.com

**Emergency telephone number**
+31 317 453 908

**E-mail address of person responsible for this SDS**
info@check-points.com

**Recommended use**
Check-Direct CPE for BD MAX™ is a rapid molecular assay for the detection of carbapenemases by real-time PCR directly from culture.

Check-Direct CPE Screen for BD MAX™ is a rapid molecular assay for the detection of carbapenemases by real-time PCR directly from rectal swabs.

Check-Direct ESBL Screen for BD MAX™ is a rapid molecular assay for the detection of ESBL by real-time PCR directly from rectal swabs.

**Remarks**
A kit contains sealed tubes and vial(s) with ready-for-use reagents.

2. Hazards identification

This product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification**
Not classified.

**Human health hazards**
Based on the available data of this product no hazardous properties are known.

**Environmental hazards**
Based on the available data of this product no hazardous properties are known.
Physical/chemical hazards

Based on the available data of this product no hazardous properties are known.

3. Composition/information on ingredients

Occupational exposure limits, if available, are listed in section 8.

4. First-aid measures

Effects and symptoms

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>There is no known acute effect after over-exposure to this product.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>There is no known acute effect after over-exposure to this product.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>There is no known acute effect after over-exposure to this product.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Irritating effects cannot be excluded.</td>
</tr>
</tbody>
</table>

First-aid measures

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>Move exposed person to fresh air.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>If inhaled, remove to fresh air. Obtain medical attention if symptoms occur.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>If swallowed, rinse mouth with water (only if the person is conscious). Obtain medical attention if symptoms occur.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Wash with soap and water. Remove contaminated clothing and shoes. Obtain medical attention if symptoms occur.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Rinse with plenty of running water. Obtain medical attention if symptoms occur.</td>
</tr>
</tbody>
</table>

First aid facilities

No special recommendations.

5. Fire-fighting measures

Extinguishing media

Small fire

| Suitable         | Non-combustible. Use extinguishing media suitable for surrounding materials. |

Large fire

| Suitable         | Non-combustible. Use extinguishing media suitable for surrounding materials. |

Unusual fire/explosion hazards

No specific hazard.

Hazardous thermal decomposition

No specific data.
 products
Special fire-fighting procedures No special measures required.
Protection of fire-fighters Wear suitable protective clothing. Self-contained breathing apparatus.

6. Accidental release measures

Personal precautions Use suitable protective equipment (section 8).
Environmental precautions Prevent entry into sewers, basements or confined areas. Dyke if necessary.
Clean-up Methods
- Small spill and leak Take up with suitable material. Place in a suitable container. Clean up affected area with large amount of water.
- Large spill and leak Absorb spill with inert material (e.g. dry sand or earth) and place in a chemical waste container. Recycle, if possible. Clean up affected area with a large amount of water.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling Use with adequate ventilation.
Storage Store reagent tubes in the dark.
Storage temperature
- Check-Direct CPE Screen for BD MAX™ (Catalog no. 18-0051) and Check-Direct ESBL Screen for BD MAX™ (Catalog no. 18-0066)
  Store between the following temperatures: +2°C and +8°C.
- Check-Direct CPE for BD MAX™ (Catalog no. 18-0082)
  Store between the following temperatures: +15°C and +30°C.

Note: See section 10 for stability and reactivity.

8. Exposure controls/personal protection

Occupational exposure limits Not applicable.
Engineering measures None required. However, use of adequate ventilation is good industrial practice.
Hygiene measures

When using, do not eat, drink or smoke. Wash hands after handling compounds and before eating, smoking and using the lavatory and at the end of the day.

Personal protective equipment – Production scale

- **Respiratory system**: No special protection is required. In case of insufficient ventilation, wear suitable respiratory equipment.
- **Skin and body**: Working clothes.
- **Eyes**: Safety glasses with side shields.
- **Hands**: Wear suitable gloves.

Advice on personal protection is applicable for high exposure levels. Select proper personal protection based on a risk assessment of the actual exposure situation.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid. [reagent tubes]</td>
</tr>
<tr>
<td></td>
<td>Liquid. [positive control; CP Mastermix]</td>
</tr>
<tr>
<td>Color</td>
<td>Purple. [reagent tubes]</td>
</tr>
<tr>
<td></td>
<td>Colorless. [positive control; CP Mastermix]</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Density (g/cm³)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Remarks</td>
<td>More detailed information on the physical and chemical properties can be requested from the supplier.</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable under recommended storage and handling conditions (see section 7).</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>No special recommendations.</td>
</tr>
<tr>
<td>Materials to avoid</td>
<td>No special recommendations.</td>
</tr>
</tbody>
</table>

11. Toxicological information
Potential acute health effects

Inhalation: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.
Skin contact: No known significant effects or critical hazards.
Eye contact: No known significant effects or critical hazards.
Acute toxicity: No known significant effects or critical hazards.

Potential chronic health effects

Chronic effects: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Chronic toxicity: No specific data.
Carcinogenicity: No specific data.
Mutagenicity: No specific data.
Teratogenicity: No specific data.
Reproductive toxicity: No specific data.

12. Ecological information

Environmental effects: No known significant effects or critical hazards.
Aquatic ecotoxicity: No known significant effects or critical hazards.
Persistence/degradability: No known significant effects or critical hazards.
Other adverse effects: No known significant effects or critical hazards.
AOX: No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal (waste of residues; contaminated packaging): Waste must be disposed of in accordance with national and local environmental regulations.
14. Transport information

International transport regulations

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Class</th>
<th>PG*</th>
<th>Label</th>
<th>Additional information</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID Class</td>
<td>Not regulated.</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ADNR Class</td>
<td>Not regulated.</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>IMDG Class</td>
<td>Not regulated.</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>IATA Class</td>
<td>Not regulated.</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

PG* = Packaging group
Attention, please read EMS notations like _E-S_ or _F-D_ as E-S or F-D

15. Regulatory information

EU regulations

Risk phrases
According to the EU Directives 67/548/EEC and 1999/45/EC this product does not require labeling with symbols and/or R-phrases.

Additional warning phrases
Not applicable.

16. Other information

Internal code
SDSBDMAX2016071302

History
Date of printing: July 13th 2016
Date of issue: July 13th 2016
Version: 2

Notice to reader
The statements in this Safety Data Sheet were made to the best of our knowledge and are as accurate as possible.

They are given for information only. They do not constitute a contractual guarantee of a product’s properties. They must neither be altered nor transferred to other products.

The user is responsible for ensuring that appropriate precautions are taken and for satisfying themselves that the data are suitable and sufficient for the product’s intended purpose. In case of any uncertainty we advise consulting the supplier or an expert.
Training advice

Before handling this substance/preparation, the personnel involved should be instructed by means of this safety data sheet.