

# SAFETY DATA SHEET



In accordance with Regulation (EC) No 2020/878  
Revision date: 26/09/2023  
Version number: 01

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

### 1.1 Product Identifier

**Product Name:** Meropenem/ Vaborbactam 20-10µg Antimicrobial susceptibility test disc.

**Product Code:** Z9321, Z9325, MEV30C

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended uses:** *In vitro* diagnostic product; Laboratory chemical

**Uses advised against:** No information available

### 1.3 Details of supplier of the product and safety data sheet

**Manufacturer/supplier:** Mast Group Ltd., Mast House,  
Derby Road,  
Bootle,  
Merseyside,  
UK.  
L20 1EA  
Telephone: +44 (0) 151 933 7277  
Email: [uksales@mastgrp.com](mailto:uksales@mastgrp.com)  
Web: [www.mastgrp.com](http://www.mastgrp.com)

Feldstraße 20  
23858 Reinfeld  
Germany  
Telephone: +49 4533 20 07 34  
Email: [mast@mast-diagnostics.de](mailto:mast@mast-diagnostics.de)  
Web: [www.mast-group.com](http://www.mast-group.com)

### 1.4 Emergency Contact information

UK contact: Telephone: +44 (0) 151 933 7277 (8am - 5pm GMT Monday to Friday)

EU contact: Telephone: +49 4533 20 07 34 (7am - 4pm GMT Monday to Friday)

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**CLP Classification – Regulation (EC) No. 1272/2008:** Not classified as hazardous. All components present in µg quantities.

**Physical hazards:** Based on available data, there are no physical hazards

**Health hazards:** Based on available data, there are no health hazards

**Environmental hazards:** Based on available data, there are no environmental hazards

### 2.2 Label elements

**Pictogram:** None

**Signal word:** None

**Hazard statements:** None

**Precautionary statements:** None

### 2.3 Other hazards

No information available

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## 3. Composition/information on ingredients

**Composition:** Paper discs or rings impregnated with 20µg of meropenem and 10µg of vaborbactam

### Hazardous ingredients:

Component	CAS-No.	EC-No.	Concentration	CLP Classification – 1272/2008/EC	Classification to – 67/548/EEC
Meropenem Trihydrate	119478-56-7	642-885-1	20µg/disc	Resp Sens. 1 (H334) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	N/A
Vaborbactam	1360457-46-0	807-463-5	10µg/disc	Acute Tox. 4. (H302)	N/A

## 4. First-aid measures

### 4.1 Description of First Aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye contact: Rinse thoroughly with plenty of water for 10 to 15 minutes, also under the eyelids. Obtain medical attention if irritation persists.

Skin Contact: Wash off skin thoroughly with soap and plenty of water. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth out with plenty of water. Obtain medical attention if symptoms occur.

Inhalation: Move person to fresh air. Obtain medical attention immediately if symptoms occur.

### 4.2 Most important symptoms and effects, both acute and delayed

No information available.

### 4.3 Indicate any immediate medical attention and special treatment needed

No information available.

## 5. Fire fighting measures

### 5.1 Extinguishing medium

Suitable extinguishing media: Use water spray, CO<sub>2</sub>, foam or dry powder as the extinguisher medium.

Extinguishing media which must not be used for safety reasons: No information available

### 5.2 Special hazards arising from the substance or mixture

Combustible material. Thermal decomposition may lead to release of irritating gases and vapours.

### 5.3 Advice for firefighters

Wear suitable self contained breathing apparatus for fire fighting if necessary.

### 5.4 Additional information

No data available.

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## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Wear appropriate protective equipment. Avoid dust formation.

### 6.2 Environmental precautions

Should not be released into the environment.

### 6.3 Methods and materials for containment and cleaning up

Sweep up or vacuum up spillage in suitable container for disposal. Avoid dust formation.

### 6.4 Further information

No data available.

## 7. Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation. Avoid dust formation. Use forceps when handling product.

### 7.2 Conditions for safe storage, including any incompatibilities

Store at 2 - 8°C. Keep tightly closed in the container provided. Protect from direct sunlight and moisture.

### 7.3 Specific end use(s)

This product is for laboratory use only and should only be used by suitably trained laboratory personnel.

## 8. Exposure controls and personal protection

### 8.1 Control parameters

Components with workspace control parameters: Contains no substance with occupational exposure limits.

### 8.2 Exposure controls

Engineering controls: No engineering protection required.

Personal protective measures: Body protection: Wear standard microbiology laboratory coat.

Eye/face protection: Safety glasses with side shields conforming to EN 166.

Skin and hand protection: Handle with suitable gloves conforming to EN 374. Product may be handled with forceps.

Respiratory protection: If required use a nuisance type particle respirator type P1 EU EN 143.

General hygiene measures: Handle in accordance with good laboratory practice.  
Wash hands before breaks and at the end of the working day.

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## 9. Physical and Chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	6mm paper discs or paper ring with 6 or 8 6mm disc tips impregnated with meropenem and vaborbactam
Colour:	White to off white coloured.
Odour:	Odourless.
Melting point/freezing point:	No data available.
Initial boiling point/range:	No data available.
Flammability:	No data available.
Lower and upper explosion limit:	No data available.
Flash point:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
pH	No data available.
Kinetic viscosity:	No data available.
Solubility in water/other solvents:	No data available.
Partition coefficient (n-octanol/water):	No data available.
Vapour pressure:	No data available.
Density/Relative density:	No data available.
Relative vapour density:	No data available.
Decomposition temperature	No data available.
Particle characteristics	No data available.

### 9.2 Other information

No data available.

## 10. Stability and reactivity

### 10.1 Reactivity

None known on information available.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Incompatible products; Avoid heat; Avoid dust formation.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

None under normal use conditions.

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## 11. Toxicological information

### 11.1 Information on toxicological effects

Overall product information: These products do not present an acute toxicity based on known or supplied information.

Acute toxicity: No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/ eye irritation: No data available.

Respiratory or skin sensitisation: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ toxicity – single exposure: No data available.

Specific target organ toxicity – repeated exposure: No data available.

Aspiration hazard: No data available.

Potential health effects: The possibility of allergic sensitisation should be considered.  
Repeated or prolonged exposure is not known to aggravate medical conditions.

### 11.2 Toxicological data for the components

Assess endocrine disrupting properties for human health. This product does not contain any known or suspected endocrine disruptors.

## 12. Ecological information

### 12.1 Toxicity

These products are not known to be hazardous to the environment or that are not degradable in waste water treatment plants.

### 12.2 Persistence and degradability

Expected to be biodegradable.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

None known.

### 12.6 Endocrine disrupting properties: requiring you to give product information on adverse effects on the environment caused by endocrine-disrupting properties

This product does not contain any known or suspected endocrine disruptors.

### 12.7 Other adverse effects

No data available

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## 13. Disposal considerations

Disposal considerations: Dispose of in accordance with local and national regulations.  
Dispose of contaminated waste, e.g. used plates, according to local microbiological rules.

## 14. Transport information

### 14.1 UN Number

ADR/RID: IMDG: IATA: Not dangerous for shipping

### 14.2 UN proper shipping name

ADR/RID: IMDG: IATA: Not dangerous for shipping

### 14.3 Transport hazard class(es)

ADR/RID: IMDG: IATA: Not dangerous for shipping

### 14.4 Packaging group

ADR/RID: IMDG: IATA: Not dangerous for shipping

### 14.5 Environmental hazards

ADR/RID: IMDG: IATA: None known.

### 14.6 Special precautions for user

No data available

### 14.7 Maritime transport in bulk according to IMO instruments

No data available

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

### 15.2 Chemical safety assessment

Chemical safety assessment reports are not required for mixtures/IVD products.

## 16. Other information

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