

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2024-01-25  
Print Date: 2024-02-02

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name : Daptomycin  
Product Number : D129529  
Brand : aladdin  
CAS-No. : 103060-53-3

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

Identified uses : Laboratory chemicals, Manufacture of substances.

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

Company : Shanghai Aladdin Biochemical Tech Co., Ltd  
Address : 36 Xinjinqiao Road, Shanghai  
Telephone : 400-620-6333  
Fax : no data available

### 1.4 Emergency telephone number

Emergency Phone : 0532-83889090

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

### 2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H373

Causes damage to organs through prolonged or repeated exposure

Precautionary statement(s)

P260

Do not breathe dust/fume/gas/mist/vapors/spray.

P501

Dispose of contents/container to an approved waste disposal plant.

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Synonyms : Cubicin ; Dapcin ; LY146032 ; N-decanoyl-L-tryptophyl-L-asparaginyln-N-[(3S,6S,9R,15S,18R,21S,24S,30S,31R)-3-[2-(2-aminophenyl)-2-oxoethyl]-24-(3-aminopropyl)-15,21-bis(carboxymethyl)-6-[(2R)-1-carboxypropan-2-yl]-9-(hydroxymethyl)-18,31-dimethyl-2,5,8,11,14,17,20,23,26,29-decaoxo-1-oxa-4,7,10,13,16,19,22,25,28-nonaazacyclohentriacontan-30-yl]-L-alpha-asparagine

Formula : C72H101N17O26

Molecular weight : 1620.67

CAS No. : 103060-53-3

EC-NO. : no data available

Component	Classification	Concentration
Daptomycin	no data available	≥98%

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice

no data available

If inhaled

Remove to fresh air.If not breathing, give artificial respiration or give oxygen by trained personnel.Get immediate medical attention.

In case of skin contact

Immediately wash skin with soap and plenty of water for at least 15 minutes.Remove contaminated clothing.Get medical attention if symptoms occur.Wash clothing before reuse.

In case of eye contact

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.Have eyes examined and tested by medical personnel.

If swallowed

Wash out mouth with water provided person is conscious.Never give anything by mouth to an unconscious person.Get medical attention.Do NOT induce vomiting unless directed to do so by medical personnel.

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

no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

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Suitable extinguishing media

Use alcohol resistant foam, carbon dioxide, water, or dry chemical spray

Unsuitable extinguishing media

no data available

## 5.2 Special hazards arising from the substance or mixture

Use water spray to cool fire exposed containers.

## 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

## 5.4 Further information

no data available

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## SECTION 6: Accidental release measures

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

Avoid raising and breathing dust, and provide adequate ventilation

### 6.2 Environmental precautions

Take steps to avoid release into the environment, if safe to do so.

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

Transfer to a chemical waste container for disposal in accordance with local regulations

### 6.4 Reference to other sections

no data available

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid prolonged or repeated exposure.

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

Keep container tightly closed. Store in accordance with information listed on the product insert.

### 7.3 Specific end use(s)

no data available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

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Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Personal protective equipment

Eye/face protection

no data available

Skin protection

no data available

Body Protection

Lab coat

Respiratory protection

no data available

Control of environmental exposure

no data available

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a) Appearance	no data available
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties N	no data available
t) Oxidizing properties N	no data available

### 9.2 Other safety information

no data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

no data available

### 10.5 Incompatible materials

strong oxidizing agents

### 10.6 Hazardous decomposition products

carbon dioxide carbon monoxide nitrogen oxides

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

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

Additional Information

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no data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

no data available

### 12.2 Persistence and degradability

no data available

### 12.3 Bioaccumulative potential

no data available

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

no data available

### 12.6 Other adverse effects

no data available

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## SECTION 13:

### 13.1 Disposal considerations

Product

Dispose in accordance with local, state, and federal regulations.

Contaminated packaging

no data available

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## SECTION 14: Transport information

DOT (US)

UN number: no data available

Packing group: no data available

Class: no data available

Proper shipping name: no data available

Reportable Quantity(RQ): no data available

Poison Inhalation Hazard: no data available

Environmental Hazards: no data available

IMDG

UN number: no data available

Packing group: no data available

EMS-No: no data available

Proper shipping name: no data available

IATA

UN number: no data available

Packing group: no data available

Class: no data available

Proper shipping name: no data available

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## SECTION 15: Regulatory information

no data available

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## SECTION 16: Other information

Further information

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