

Version: Discofinechem2  
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## MATERIAL SAFETY DATA SHEET

### Linezolid

#### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

##### 1.1 Product identifiers :

Product name : Linezolid  
Product number : 0165800033  
Brand : Discovery  
Reach No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require registration or the registration is envisaged for a later Registration deadline.  
Cas No. : 165800-03-3

##### 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: Discovery Fine Chemicals Ltd  
Unit 4A, Old Forge Road, Ferndown Ind. Estate,  
Wimborne, Dorset, BH21 7RR.  
United Kingdom  
Telephone: +44 (0)1202 874517  
Fax: +44 (0)845 0944 385  
E-mail: [discovery@discofinechem.com](mailto:discovery@discofinechem.com)

##### 1.4 Emergency telephone : +44 (0)7912 646956

#### SECTION 2. HAZARDS IDENTIFICATION

##### 2.1 Classification of the substance or mixture

###### Classification according to Regulation (EC) No 1272/2008

Specific target organ toxicity repeated exposure, Oral (Category 1), H372  
For the full text of the H-Statements mentioned in this section see section 16

###### Classification according to EU Directives 67/548/EEC or 1999/45/EC

##### 2.2 Label elements

###### Labelling according Regulation (EC) No 1272/2008

###### Pictogram



**Signal word:** Danger

###### Hazard statement(s)

H372 cause damage to organs through prolonged or repeated exposure if swallowed

###### Precautionary statement(s)

P260 Do not breathe dust  
P264 Wash skin thoroughly after handling  
P270 Do not eat, drink or smoke when using this product  
P314 Get medical advice if you feel unwell  
P501 Dispose of contents to an approved waste disposal plant  
Supplemental hazard : none

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Formula: C<sub>16</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>4</sub>

Molecular Weight: 337.35 g/mol

Cas No: 165800-03-3

Component

Linezolid

CAS-No.165800-03-3

Classification

STOT RE 1

H372

Concentration

<=100%

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General advice

Consult a doctor. Show this safety data sheet to the doctor in attendance.

**If inhaled** - If breathed in, move person into fresh air. Call a doctor.

**In case of skin contact** – remove all contaminated clothing. Rinse skin with water.

**In case of eye contact** – Flush eyes with water as a precaution.

**If swallowed** – make victim drink water. 2 glasses at most. Consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed** – the most important known symptoms and effects are described in the labelling (see section 2.2 and/or in section 11).

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

no data available

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media** – water foam carbon dioxide (CO<sub>2</sub>) dry powder

**Unsuitable extinguishing media** – for this substance no limitations of extinguishing agents are given.

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

Carbon oxides

Nitrogen oxides (NO<sub>x</sub>)

Hydrogen fluoride

combustible

**5.3 Advice for firefighters** – stay in danger area only with wear self contained breathing apparatus. prevent skin contact by keeping a safe distance.

**5.4 Further information** – suppress knock down gases vapours or mist with a water spray jet.

## 6. ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas.

Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

**6.2 Environmental precautions** – Do not let product enter drains.

**6.3 Methods and materials for containment and cleaning up** – Cover drains. pick up and arrange disposal without creating dust. sweep and shovel up.

**6.4 Reference to other sections** - For disposal see section 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

For precautions see section 2.2

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

Keep container tightly closed in a dry and well-ventilated place. Store in a cool place.

Keep locked in an area only accessible to qualified staff.

Storage class (TRGS 510) : 6.1c: Combustible, acute toxic Cat.3 / toxic compounds or compounds which cause chronic affects.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.1 no other specific uses are stipulated

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

**Appropriate engineering controls** - Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

**Eye/face protection** - Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection** - Handle with gloves. Gloves must be inspected prior to use.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested:KCL 740 Dermatril®

Splash protection

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested:Dermatril®

**Body Protection** – protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection** –Required when dusts are generated. Our recommendations are as follows : use filter type 2 based on standard type (DIN EN 143) particle respirator.

#### Control of environment exposure

Do not let product enter drains

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- a) Appearance - Form: powder, white to off white
- b) Odour - no data available
- c) Odour Threshold - no data available
- d) Melting point/freezing point - Melting point/range: no data available
- e) Initial boiling point and boiling range - no data available
- f) Flammability (solid, gas) - no data available
- g) Upper/lower flammability or explosive limits - no data available
- h) Flash point – not applicable

- i) Autoignition temperature - no data available
  - j) Decomposition temperature - no data available
  - k) pH - no data available
  - l) Viscosity – viscosity, kinematic: no data available  
- viscosity dynamic: no data available
  - m) Water solubility – no data available
  - n) Partition coefficient: no data available
  - o) Vapour pressure - no data available
  - p) Density - no data available  
Relative density – no data available
  - q) Relative vapour density - no data available
  - r) Particle characteristics - no data available
  - s) Explosive properties – no data available
  - t) Oxidizing properties - no data available
- 9.2 Other safety information - no data available

## **10. STABILITY AND REACTIVITY**

### **10.1 Reactivity**

The following applies in general to flammable organic substances and mixtures : in correspondingly fine distribution, when whirled up a dust explosion may generally be assumed

### **10.2 Chemical stability**

The product is chemically 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**

No data available

### **10.6 Hazardous decomposition products**

In the event of fire see section 5

## **11. TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

Oral – no data available

Inhalation – no data available

Dermal – no data available

**Skin corrosion/irritation** - no data available

#### **Serious eye damage/eye irritation**

no data available

#### **Respiratory or skin sensitization**

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**

Oral – causes damage to organs through prolonged or repeated exposure

#### **Aspiration hazard**

No data available

## 11.2 Additional Information

RTECS: AC2720000

To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated

### Endocrine disrupting properties

assessment

the substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH article 57(f) or commission delegated regulation (EU) 2017/2100 or commission regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity** - no data available

**12.2 Persistence and degradability** - no data available

**12.3 Bio-accumulative potential** - no data available

**12.4 Mobility in soil** - no data available

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

the substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH article 57(f) or commission delegated regulation (EU) 2017/2100 or commission regulation (EU) 2018/605 at levels of 0.1% or higher

### 12.7 Other adverse effects

No data available

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product

Waste material must be disposed of in accordance with national regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. Notice directive on waste 2008/98/EC

## 14. TRANSPORT INFORMATION

### 14.1 UN number

ADR/RID: - IMDG: - IATA: -

### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### 14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

### 14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

### 14.5 Environmental hazards

ADR/RID: no IMDG Marine Pollutant: no IATA: no

### 14.6 Special precautions for user

#### Further Information

Not classified as dangerous in the meaning of transport regulations

## 15. REGULATORY INFORMATION

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### Other regulations

Take note of DIR 94/33/EC on the protection of young people at work

### 15.2 Chemical Safety Assessment –

For this product a chemical safety assessment was not carried out.

## 16. OTHER INFORMATION

### Text of H-code(s) and R-phrase(s) mentioned in Section 2 and 3

#### Hazard statement(s)

H372 cause damage to organs through prolonged or repeated exposure if swallowed

#### Precautionary statement(s)

P260 Do not breathe dust

P264 Wash skin thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P314 Get medical advice if you feel unwell

P501 Dispose of contents to an approved waste disposal plant

#### Further information

#### WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product.

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