



SAFETY DATA SHEET

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Revised edition no : 0

Date : 12 / 6 / 2012

Supersedes : 0 / 0 / 0

Lincomycin hydrochloride monohydrate**L0127**

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

1.1. Product identifier

Identification of the product : Raw material
Product code : L0127
Trade name : Lincomycin hydrochloride monohydrate
CAS number : CAS No : 007179-49-9

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

Use : For professional use only.
Duchefa Biochemie B.V. products are only intended for in vitro laboratory research purposes.

1.3. Details of the supplier of the safety data sheet

Company identification : Duchefa Biochemie B.V.
A. Hofmanweg 71
2031 BH Haarlem The Netherlands
Tel: +31(0)23-5319093
Fax: +31(0)23-5318027
E-mail:info@duchefa.nl

1.4. Emergency telephone number

Emergency phone nr : Tel: (+31)-(0)23-5319093 (local time : 9.00 to 17.00)
National Poison Information Centre :Europe NL : +31 30 274 88 88
(this service is only available to health professionals)
See www.who.int/ipcs/en/ for a local poison centre

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

: Not regulated.

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

• Symbol(s) : None.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms code : ---

• Precautionary statements

2.3. Other hazards

None under normal conditions.

SECTION 3 Composition/information on ingredients

Substance / Preparation : Substance.
Lincomycin hydrochloride monohydrate
CAS No :007179-49-9
EC No :212-726-7
Annex No :---
Ref REACH :---

Components : This product is not hazardous.

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SECTION 3 Composition/information on ingredients (continued)

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Lincomycin hydrochloride monohydrate	: > 82.5 %	7179-49-9	212-726-7	----	----	-----
Structural formula C ₁₈ H ₃₄ N ₂ O ₆ S.HCl.H ₂ O						
Molecular weight (g/mol) 461.0						

SECTION 4 First aid measures

4.1. Description of first aid measures

- General information : Seek medical attention if ill effect develops.
- Inhalation : Remove victim to fresh air.
- Skin contact : Wash skin with mild soap and water.
- Eye contact : Rinse with water.
- Ingestion : Rinse mouth.

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

- Symptoms and effects, both acute and delayed : Diarrhea.
Exposure may produce an allergic reaction.
Can affect blood cell formation.
Vomiting.

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

- Medical attention and special treatment needed : No data available.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray.
Carbon dioxide (CO₂).
Foam.
Dry powder.

5.2. Special hazards arising from the substance or mixture

- Specific hazards : Under fire conditions, hazardous fumes will be present.
NO_x
SO_x
CO_x

5.3. Advice for fire-fighters

- Protection against fire : Wear proper protective equipment.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General precautions : Avoid raising powdered materials into airborne dust.
- Personal precautions : Wear suitable protective clothing.

6.2. Environmental precautions

- Environmental precautions : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- Clean up methods : Sweep up dry powder and dispose properly.

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SECTION 6 Accidental release measures (continued)

6.4. Reference to other sections

Reference to other sections : No Reference

SECTION 7 Handling and storage

7.1. Precautions for safe handling

General : Store in dry, well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store at 2 - 8 °C
Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s) : For professional use only.
Duchefa Biochemie B.V. products are only intended for in vitro laboratory research purposes.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

- Eye protection : Safety glasses.
- Skin protection : In case of possible repeated skin contact wear protective clothing.
- Hand protection : Wear gloves.
- Respiratory protection : P1 Where excessive dust may result, wear approved mask.

SECTION 9 Physical and chemical properties

• Appearance

Appearance : Powder.
Colour : White.

• Odour

Odour : Not established.

• Odour threshold

Odour threshold : Not established.

• pH

pH value : No data available.

• Melting point / Freezing point

Melting point [°C] : 145 - 147

• Initial boiling point - boiling range

Boiling point [°C] : No data available.

• Flash point

Flash point [°C] : No data available.

• Evaporation rate

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SECTION 9 Physical and chemical properties (continued)

Evaporation rate (ether=1) : No data available.

• Flammability

Flammability range [vol% in air] : No data available.

• Explosion limits (lower - upper)

Explosion limits : No data available.

• Vapour pressure

Vapour pressure : Not established.

• Vapour density

Relative vapour density (air=1) : No data available.

• Relative density

Relative density : No data available.

• Solubility

Solubility in water : Partial.

• Partition coefficient : n-octanol / water

Log P octanol / water at 20°C : Not established.

• Auto-ignition temperature

Auto-ignition temperature [°C] : No data available.

• Thermal decomposition

Thermal decomposition [°C] : No data available.

• Viscosity

Viscosity : No data available.

• Explosive Properties

Explosive Properties : Not established.

• Oxidising properties

Oxidising properties : Not established.

9.2. Other information

Other data : No data available.

SECTION 10 Stability and reactivity

10.1. Reactivity

Reactivity : Stable under normal conditions.

10.2. Chemical stability

Stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : None under normal conditions.

10.4. Conditions to avoidConditions to avoid : Heat.
Moisture.**10.5. Incompatible materials**

Materials to avoid : Strong oxidizers.

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SECTION 10 Stability and reactivity (continued)

10.6. Hazardous decomposition products

Hazardous decomposition products : CO_x
NO_x
SO_x
When heated to decomposition, emits dangerous fumes.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Rat oral LD50 [mg/kg] : > 4000

SECTION 12 Ecological information

12.1. Toxicity

No data available.

12.2. Persistence - 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.

Environmental precautions : Prevent entry to sewers and public waters.
Avoid release to the environment.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Dispose in a safe manner in accordance with local/national regulations.
Avoid release to the environment.

SECTION 14 Transport information

14.1. UN Number

Not applicable.

14.2. Proper shipping name

Not applicable.

14.3. Transport Hazard Classification

Not applicable.

14.4. Packing group

Not applicable.

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SECTION 14 Transport information (continued)

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Bulk transport - annex II Marpol 73/78 - IBC

Not applicable.

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

Not established.

SECTION 16 Other information

Further information

: The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Revision

: Complete SDS revision

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

End of document

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