

Colistin sulfate (Ph. Eur. Grade)

Revision 1

Revision date 2017-06-27

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

1.1. Product identifier

Product name	Colistin sulfate (Ph. Eur. Grade)
Other means of identification	Polymyxin E
CAS No.	1264-72-8
Product code	AG-CN2-0512

1.3. Details of the supplier of the safety data sheet

Company	Adipogen International
Address	Adipogen AG Schützenstrasse 12 Postfach 335 CH-4410 Liestal
Web	www.adipogen.com
Telephone	+41-61-926-60-40
Fax	+41-61-926-60-49
Email	info@adipogen.com

1.4. Emergency telephone number


Emergency telephone number	+41-61-926-60-40
Company	AdipoGen 9.00am to 6.00pm Mon-Fri Swiss Time

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Acute Tox. 3: H301;
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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Acute Tox. 3: H301 - Toxic if swallowed.
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P330 - Rinse mouth.
Precautionary Statement: Storage	P405 - Store locked up.

SECTION 3: Composition/information on ingredients

3.1. Substances

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3.1. Substances

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Colistin sulfate (Ph. Eur. Grade)		1264-72-8			90 - 100%	Acute Tox. 3: H301;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling


	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

	
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8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear:.. Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	White/Off white
Odour	Odourless
Solubility	Soluble in water

9.2. Other information

Chemical formula	2(C52H98N16O13) . 5(H2SO4)
Mass number	2801.7

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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10.6. Hazardous decomposition products

	Carbon oxides. Nitrogen oxides. Sulphur oxides.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Caution - substance not yet fully tested.
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11.1.4. Toxicological Information

Colistin sulfate (Ph. Eur. Grade)	Oral Rat LD50: 121 mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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Further information

	No data is available on this product.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number	
	UN3462

14.2. UN proper shipping name	
	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID N.O.S.

14.3. Transport hazard class(es)	
ADR/RID	6.1
Subsidiary risk	-
IMDG	6.1
Subsidiary risk	-
IATA	6.1
Subsidiary risk	-

14.4. Packing group	
Packing group	III

14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No

ADR/RID	
Hazard ID	60
Tunnel Category	(E)

IMDG	
EmS Code	F-A S-A

IATA	
Packing Instruction (Cargo)	677
Maximum quantity	200 kg
Packing Instruction (Passenger)	670
Maximum quantity	100 kg

Further information	
	The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

SECTION 16: Other information

Other information	
Revision	This document differs from the previous version in the following areas: 3 - Description.
Text of Hazard Statements in Section 3	Acute Tox. 3: H301 - Toxic if swallowed.

Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use,

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Further information

	storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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