

SAFETY DATA SHEET

COLISTIN SULPHATE

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

1.1. Product identifier

Trade name : COLISTIN SULPHATE
Product code : 00120
Identification of the product : Colistin, sulfate (salt)
CAS No : 1264-72-8
EC No : 215-034-3

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

Use : Pharmaceutical industry. Active substance - Veterinary industry.

1.3. Details of the supplier of the safety data sheet

Company identification : SIEMSGLUSS IBÉRICA, S.A.
Polígono Industrial Sant Antoni, Parcela 6 Nave 2
(+34) 93 6768787
08620 Sant Vicenç dels Horts (Barcelona) SPAIN
REACH@siemsgluss.com

1.4. Emergency telephone number

Phone nr : Tel. (+34) 93 6768787 [Office hours]

2. Hazards identification

2.1. Classification of the substance or mixture

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302

Classification EC 67/548 or EC 1999/45

Classification : Xn; R22

2.2. Label elements

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms



Signal words : Warning

Hazard statements : H302 : Harmful if swallowed.

Precautionary statements

- Prevention : P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
- Response : P301+P310: IF SWALLOWED : Immediately call a POISON CENTER or doctor.
P330: Rinse mouth.

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2. Hazards identification (continued)

• **Disposal considerations** : P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Contains : Colistin, sulfate (salt)

Labelling EC 67/548 or EC 1999/45

Symbol(s)



Symbol(s) : Xn : Harmful

R Phrase(s) : R22 : Harmful if swallowed.

S Phrase(s) : S20 : When using do not eat or drink.

S22 : Do not breathe dust.

S36/37 : Wear suitable protective clothing and gloves.

Contains : Colistin, sulfate (salt)

2.3. Other hazards

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

3. Composition/information on ingredients

Substance / Preparation : Colistin, sulfate (salt)
CAS No : 1264-72-8
EC No : 215-034-3
Substance.

Substance name	Contents	CAS No	EC No	Annex No	Classification
Colistin, sulfate (salt)	> 75 %	1264-72-8	215-034-3	----	Xn; R22
					Acute Tox. 4 (oral) _ H302

Contains no other components or impurities which will influence the classification of the product.

4. First aid measures

4.1. Description of first aid measures

Inhalation : Assure fresh air breathing. Allow the victim to rest.

Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Ingestion : Specific treatment (see on this label). Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. Rinse mouth. Obtain emergency medical attention.

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

Symptoms relating to use : Swallowing a small quantity of this material will result in serious health hazard.

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4. First aid measures (continued)

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

General information : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.
Surrounding fires : Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders : Equip cleanup crew with proper protection.
Ventilate area.
For non-emergency personnel : Evacuate unnecessary personnel.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Store away from other materials. On land, sweep or shovel into suitable containers. Minimize generation of dust.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage

7.1. Precautions for safe handling

Handling : Wash thoroughly after handling. Do not eat, drink or smoke when using this

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7. Handling and storage (continued)

Technical protective measures : product.
 : Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
 Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Specific end use(s) : See section 1.

8. Exposure controls/personal protection

8.1. Exposure controls

Personal protection



Personal protection : Avoid all unnecessary exposure.
 • Respiratory protection : Wear approved mask.
 • Hand protection : Wear protective gloves.
 • Eye protection : Chemical goggles or safety glasses.
 • Others : When using, do not eat, drink or smoke.

8.2. Control parameters

Occupational Exposure Limits : No data available.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state at 20 °C : Solid.
 Colour : White.
 Odour : Characteristic.
 Odour threshold : No data available.
 pH value : Not applicable.
 Melting point [°C] : No data available.
 Decomposition point [°C] : No data available.
 Critical temperature [°C] : Not applicable.
 Auto-ignition temperature [°C] : No data available.
 Flammability (solid, gas) : Non flammable.
 Flash point [°C] : Not applicable.
 Initial boiling point [°C] : No data available.
 Final boiling point [°C] : No data available.
 Evaporation rate : Not applicable.

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9. Physical and chemical properties (continued)

Vapour pressure [20°C]	: No data available.
Vapour density	: No data available.
Density [g/cm ³]	: No data available.
Relative density, liquid (water=1)	: Not applicable.
Bulk density [kg/m ³]	: No data available.
Solubility in water	: No data available.
Solubility	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Viscosity at 40°C [mm ² /s]	: No data available.
Explosive properties	: No data available.
Explosion limits - upper [%]	: No data available.
Explosion limits - lower [%]	: 0 No data available.
Oxidising properties	: No data available.

9.2. Other information

Further information	: No data available.
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10. Stability and reactivity

10.1. Reactivity

Reactivity	: Not established.
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10.2. Chemical stability

Chemical stability	: Stable under recommended storage conditions.
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10.3. Possibility of hazardous reactions

Hazardous reactions	: Not established.
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10.4. Conditions to avoid

Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
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10.5. Incompatible materials

Materials to avoid	: Strong acids. Strong bases.
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10.6. Hazardous decomposition products

Hazardous decomposition products	: Fumes. Carbon monoxide. Carbon dioxide.
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11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

• Inhalation	: Based on available data, the classification criteria are not met.
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11. Toxicological information (continued)

• Dermal	: Based on available data, the classification criteria are not met.
• Ingestion	: Harmful if swallowed.
- Rat oral LD50 [mg/kg]	: 452
RTECS nr	: TR1500000
Corrosion	: Based on available data, the classification criteria are not met.
Irritation	: Based on available data, the classification criteria are not met.
Sensitization	: Based on available data, the classification criteria are not met.
Mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Toxic for reproduction	: Based on available data, the classification criteria are not met.
STOT-single exposure	: Based on available data, the classification criteria are not met.
STOT-repeated exposure	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, the classification criteria are not met.

12. Ecological information

12.1. Toxicity

Toxicity information : Not established.

12.2. Persistence - degradability

Persistence - degradability : Not established.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

13. Disposal considerations

13.1. Waste treatment methods

General : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Special precautions : Hazardous waste due to toxicity.

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14. Transport information

14.1. Land transport (ADR-RID)

General information : Not regulated.

14.2. Sea transport (IMDG) [English only]

General information : Not regulated.

14.3. Air transport (ICAO-IATA) [English only]

General information : Not regulated.

15. Regulatory information

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

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

16. Other information

Revision : Revision - See : *

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.
vPvB: very persistent and very bioaccumulative

List of relevant R phrases (heading 3) : R22 : Harmful if swallowed.

List of full text of H-statements in section 3 : H302 : Harmful if swallowed.

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Further information : None.

The contents and format of this SDS are in accordance with REACH Regulation (CE) N° 1907/2006.

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