

Trade name: Chloramphenicolium

Substance number: 842696

Version: 3 / CH

Date revised: 17.12.2018

Replaces Version: 2 / CH

Print date: 07.10.19

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

1.1. Product identifier

Chloramphenicolium

Item No. 84269603

Registration no.

EC No.: 200-287-4

CAS No. 56-75-7

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Carc. 1B H350

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H350 May cause cancer.

Precautionary statements

P201 Obtain special instructions before use.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 IF exposed or concerned: Get medicinal advice/attention.

P405 Store locked up.

P501.3 Disposal in compliance with local and national regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

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contains Chloramphenicol

Supplemental information**Further supplemental information**

Restricted to professional users

Other information

Not for supply to the general public in Switzerland

SECTION 3: Composition/information on ingredients**3.1. Substances****Chemical characterization**

Chloramphenicol

Molecular weight

Value 323.13 g/mol

Hazardous ingredients**Chloramphenicol**

CAS No. 56-75-7

EINECS no. 200-287-4

Concentration \geq 75 %Classification (Regulation (EC) No. 1272/2008)
Carc. 1A H350**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

After skin contact

Wash immediately with plenty of water for several minutes. Remove contaminated clothing.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Let plenty of water be drunk in small gulps. Induce vomiting, seek medical advice.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water mist, Dry chemical extinguisher, Alcohol-resistant foam, Carbon dioxide, Extinguish greater fire with water spray or alcohol-resistant foam.

Non suitable extinguishing media

water jet.

5.2. Special hazards arising from the substance or mixtureThe product is combustible. In case of combustion evolution of dangerous gases possible. Hydrogen chloride (HCl); Nitrous gases (NO_x); Carbon monoxide (CO); Carbon dioxide (CO₂)**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

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Use personal protective clothing. Use self-contained breathing apparatus. Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

Other information

Do not discharge into surface waters/groundwater. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with organic compounds. Avoid dust formation.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

To pick up dry. When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special requirements.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value 15 - 25 °C

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Further information on storage conditions

Protect from light.

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals. Keep away from food-stuffs, beverages and feed-stocks. Avoid contact with skin. Do not inhale dust/fumes/mist. Wash hands and face before breaks and after work. Provide adequate ventilation.

Respiratory protection

Dust mask

Hand protection

Protective gloves

Appropriate Material rubber

Appropriate Material Natural Latex

Eye protection

Safety glasses with side protection shield

Body protection

Clothing as usual in the chemical industry.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	solid		
Colour	white		
Odour	odourless		
pH value			
Value	5	to	7
Concentration/H ₂ O	10	g/l	
Temperature	20	°C	
Source	Safety Data Sheet Supplier		
Melting point			
Value	149	to	153 °C
Source	Safety Data Sheet Supplier		
Initial boiling point and boiling range			
Remarks	not determined		
Flammability (solid, gas)			
Not ignitable			
Source	Safety Data Sheet Supplier		
Density			
Value	0.7		g/cm ³
Temperature	20	°C	
Source	GESTIS-Stoffdatenbank		
Solubility in water			
Value	2.5		g/l
Temperature	20	°C	
Source	Safety Data Sheet Supplier		
Partition coefficient: n-octanol/water			
Chloramphenicol			
Reference substance	Chloramphenicol		
log Pow	1.14		
Source	GESTIS-Stoffdatenbank		

9.2. Other information

Bulk density			
Value	appr. 700		kg/m ³

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

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Acids, Oxidising agents, Incompatible with acid chlorides and acid anhydrides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Chloramphenicolum

ATE	1'500	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)

Chloramphenicol

Species	Rats (male/female)	
LD50	2500	mg/kg
Source	GESTIS-Stoffdatenbank	
Source	SDB Caecolo 20151116	

Chloramphenicol

Species	mouse	
LD50	1500	mg/kg
Source	SDB Caecolo 20151116	

SECTION 12: Ecological information

12.1. Toxicity

Daphnia toxicity

Chloramphenicolum

Reference substance	Chloramphenicol		
Species	Daphnia magna		
EC50	345		mg/l
Duration of exposure	48	h	
Source	Sigma/Aldrich		
Source	SDB Sigma-Aldrich 20150201		

Chloramphenicolum

Reference substance	Chloramphenicol		
Species	Daphnia		
LC50	68.4	to	111 mg/l
Duration of exposure	48	h	
Source	GESTIS-Stoffdatenbank		

Chloramphenicolum

Reference substance	Chloramphenicol		
Species	Daphnia		
EC50	83.7	to	345 mg/l
Duration of exposure	48	h	
Source	GESTIS-Stoffdatenbank		

12.2. Persistence and degradability

General information

For this subsection there is no ecotoxicological data available on the product as such.

12.3. Bioaccumulative potential

General information

For this subsection there is no ecotoxicological data available on the product as such.

Partition coefficient: n-octanol/water

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Reference substance	Chloramphenicol
log Pow	1.14
Source	GESTIS-Stoffdatenbank

12.4. Mobility in soil**General information**

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment**General information**

For this subsection there is no ecotoxicological data available on the product as such.

12.6. Other adverse effects**General information**

For this subsection there is no ecotoxicological data available on the product as such.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code	No not dispose with rubbish.
EWC waste code	Should not be released into the sanitary sewer system.
EWC waste code	07 05 wastes from the MFSU of pharmaceuticals

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class (Germany)	WGK 2
Remarks	Self-assessment

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H350	May cause cancer.
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CLP categories listed in Chapter 3

Carc. 1A	Carcinogenicity, Category 1A
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Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.