SIGMA-ALDRICH

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 Version 6.0 Revision Date 10.11.2016 Print Date 18.11.2018 GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1	Product identifiers Product name	:	Valnemulin for peak identification	
	Product Number Brand REACH No. CAS-No.	:	Y0000585 Sigma-Aldrich 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 a registration or the registration is envisaged for a later registration deadline. 133868-46-9	
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	:	Sigma-Aldrich Inc. 3050 Spruce Street ST. LOUIS MO 63103 UNITED STATES	
	Telephone Fax	:	+1 314 771-5765 +1 800 325-5052	
1.4	Emergency telephone number			
	Emergency Phone #	:	(314) 776-6555	
SECTION 2: Hazards identification				

2.1 Classification of the substance or mixture

- 2.2 Label elements
- 2.3 Other hazards none

SECTION 3: Composition/information on ingredients

3.1	Substances		
	Formula	:	C31H52N2O5S · HCI
	CAS-No.	:	133868-46-9

SECTION 4: First aid measures

4.1 Description of first aid measures No data available

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

SECTION 5: Firefighting measures

- 5.1 Extinguishing media No data available
- 5.2 Special hazards arising from the substance or mixture No data available
- 5.3 Advice for firefighters No data available
- 5.4 Further information No data available

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures** For personal protection see section 8.
- 6.2 Environmental precautions No data available
- 6.3 Methods and materials for containment and cleaning up No data available
- 6.4 Reference to other sections For disposal see section 13.

SECTION 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 No data available
- **7.3** Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls No data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- a) Appearance Form: solid
- b) Odour No data available
- c) Odour Threshold No data available
- d) pH No data available
- e) Melting point/freezing No data available point
- f) Initial boiling point and No data available boiling range
- g) Flash point No data available
- h) Evaporation rate No data available

	i)	Flammability (solid, gas)	No data available		
	j)	Upper/lower flammability or explosive limits	No data available		
	k)	Vapour pressure	No data available		
	I)	Vapour density	No data available		
	m)	Relative density	No data available		
	n)	Water solubility	No data available		
	o)	Partition coefficient: n- octanol/water	No data available		
	p)	Auto-ignition temperature	No data available		
	q)	Decomposition temperature	No data available		
	r)	Viscosity	No data available		
	s)	Explosive properties	No data available		
	t)	Oxidizing properties	No data available		
9.2		ner safety information data available			
SECTION 10: Stability and reactivity					
10.1	Reactivity No data available				

10.2 **Chemical stability** No data available

- Possibility of hazardous reactions 10.3 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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

- Skin corrosion/irritation
- Serious eye damage/eye irritation
- Respiratory or skin sensitisation
- Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

Specific target organ toxicity - single exposure

Specific target organ toxicity - repeated exposure

Aspiration hazard

Additional Information

RTECS: Not available

SECTION 12: Ecological information

- 12.1 Toxicity
- 12.2 Persistence and degradability
- 12.3 Bioaccumulative potential
- 12.4 Mobility in soil
- 12.5 Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
- 12.6 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods No data available

SECTION 14: Transport information			
14.1	UN number ADR/RID:	IMDG:	IATA:
14.2	UN proper shipping name ADR/RID: IMDG: IATA:		
14.3	Transport hazard class(es) ADR/RID:	IMDG:	IATA:
14.4	Packaging group ADR/RID:	IMDG:	IATA:
14.5	Environmental hazards ADR/RID:	IMDG Marine pollutant:	IATA:
14.6	Special precautions for user No data available		

SECTION 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.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information