

Trade name: Nicethamidum

Substance number: 076555

Version: 1 / CH

Date revised: 26.03.2024

Replaces Version: - / CH

Print date: 26.03.24

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

1.1. Product identifier

Nicethamidum

Item No. 07655500

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

Use of the substance/preparation

Active pharmaceutical substance

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)

Acute Tox. 3 H301

Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H335

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

H301	Toxic if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

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Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P501.3 Disposal in compliance with local and national regulations.

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

contains Nikethamide

2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients**Molecular weight**

Value	178.23	g/mol
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Hazardous ingredients**Nikethamide**

CAS No.	59-26-7		
EINECS no.	200-418-5		
Registration no.	EXCEMPT		
Concentration	>= 62		%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 3		H301
	Skin Irrit. 2		H315
	Eye Irrit. 2		H319
	STOT SE 3		H335

ATE	oral	188	mg/kg
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SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Adhere to personal protective measures when giving first aid

After inhalation

Remove the casualty into fresh air and keep him calm. If necessary, device ventilation or oxygen supply.
 Summon a doctor immediately.

After skin contact

After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if symptoms occur.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Summon a doctor immediately.

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

Nausea, Vomiting, Headache, Tiredness

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water, Foam, Carbon dioxide, Sand, Dry chemical extinguisher

5.2. Special hazards arising from the substance or mixture

Development of toxic gases; Carbon monoxide (CO); Nitrogen oxides (NOx)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Wear protective clothing. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. general-purpose binder). Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

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

Avoid contact with skin, eyes and clothing. Avoid inhaling dusts/ billows/ steams.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value < 30 °C

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Storage classes

Storage class according to TRGS 510	6.1C	Combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects
Storage category (Switzerland)	6.1	

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Avoid contact with skin and eyes. Wash hands and face after work. Preventative skin protection. Do not

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eat or drink during work time.

Respiratory protection

Breathing apparatus in the event of aerosol.

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	PVC
Material thickness	> 0.11 mm
Appropriate Material	Butyl rubber - Butyl
Material thickness	> 0.11 mm
Appropriate Material	nitrile rubber - NBR
Material thickness	> 0.11 mm

Hand protection must comply with EN 374.

Eye protection

Safety glasses with side protection shield

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	liquid
Colour	colourless to yellowish
Odour	weak, amine-like
Physical state	solid
Melting point	
Value	24 to 26 °C
Boiling point or initial boiling point and boiling range	
Value	296 to 300 °C
Flash point	
Value	> 112 °C
pH value	
Value	appr. 6 to 8
Concentration/H ₂ O	250 g/l
Partition coefficient n-octanol/water (log value)	
log Pow	< 3
Vapour pressure	
Value	0.0017 hPa
Temperature	25 °C
Density and/or relative density	
Value	1.060 g/cm ³
Temperature	20 °C
9.2. Other information	
Solubility in water	
Value	1000 g/l
Temperature	25 °C

SECTION 10: Stability and reactivity**10.1. Reactivity**

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None

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Oxidising agents

10.4. Conditions to avoid

Protect from light and atmospheric moisture.

10.5. Incompatible materials

Oxidising agents, Acids, Bases

10.6. Hazardous decomposition productsIn the event of fire the following can be released: Carbon monoxide, nitrous oxides (NO_x)**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

ATE	188	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)**Nikethamide**

Species	mouse	
LD50	188	mg/kg
Source	RTECS	
Source	#QS4375000	

Nikethamide

Species	rabbit	
LD50	650	mg/kg
Source	RTECS	
Source	#QS4375000	

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information**12.1. Toxicity****General information**

No data available

12.2. Persistence and degradability**Biodegradability (Components)****Nikethamide**

evaluation degradable

12.3. Bioaccumulative potential**Partition coefficient n-octanol/water (log value)**

log Pow < 3

Octanol/water partition coefficient (log Pow) (Components)

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Nikethamide

log Pow < 3

12.4. Mobility in soil**General information**

No data available

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

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

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


EWC waste code 07 05 99 wastes not otherwise specified

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	2810	2810	2810
14.2. UN proper shipping name	TOXIC LIQUID, ORGANIC, N.O.S. (Nikethamide)	TOXIC LIQUID, ORGANIC, N.O.S. (Nikethamide)	TOXIC LIQUID, ORGANIC, N.O.S. (Nikethamide)
14.3. Transport hazard class(es)	6.1	6.1	6.1
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	2		

SECTION 15: Regulatory information

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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 Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

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

H301	Toxic if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

CLP categories listed in Chapter 3

Acute Tox. 3	Acute toxicity, Category 3
Eye Irrit. 2	Eye irritation, Category 2
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

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.