



Trade name: Nicotinsäurediethylamid/Sigma-Aldrich Gm

Substance number: 716550

Version: 1 / CH

Date revised: 27.10.10

Replaces Version: - / CH

Date of printing: 22.06.12

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

1.1. Product identifier

Nicotinsäurediethylamid/Sigma-Aldrich Gm
Item-No. 71655003

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG
Industriestrasse 35
9101 Herisau
Telephone no. 0041 (0)71 353 58 58
E-mail address of person responsible for this SDS
sdb@haenseler.ch

1.4. Emergency telephone number

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

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

Classification in accordance with EC directives

Classification T, R25
Xi, R36/37/38

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.

Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact



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P321 lenses, if present and easy to do. Continue rinsing.
 P405 Specific treatment (see ... on this label).
 P501.3 Store locked up.
 Disposal in compliance with local and national regulations.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

Toxic

R phrases

25 Toxic if swallowed.
 36/37/38 Irritating to eyes, respiratory system and skin.

S phrases

20 When using do not eat or drink.
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 36/37 Wear suitable protective clothing and gloves.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 60 This material and its container must be disposed of as hazardous waste.

Hazardous component(s) to be indicated on label

contains Nikethamide

3. Composition/information on ingredients**Hazardous ingredients****Nikethamide**

CAS No.	59-26-7			
EINECS no.	210-418-5			
Concentration		>=	50	%
Classification	T, R25 Xi, R36/37/38			

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

Acute Tox. 3	H301
Skin Irrit. 2	H315
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4. First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely. Irregular breathing/no breathing: artificial respiration.

After inhalation



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Ensure supply of fresh air. In the event of symptoms take medical treatment. If the patient is likely to become unconscious, place and transport in stable sideways position.

After skin contact

Wash off immediately with soap and water. Take for medical treatment.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

After ingestion

Do not induce vomiting. Call in a physician immediately and show him the Safety Data Sheet. If swallowed, rinse mouth with water (only if the person is conscious).

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Carbon dioxide, Dry powder, Extinguish greater fire with water spray or alcohol-resistant foam.

Non Suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Nitrogen oxides (NOx); Carbon dioxide (CO2)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not required.

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 (eg sand, kieselgur, acid binder, universal binder, sawdust). Provide adequate ventilation. For tall amounts: Take up mechanically and collect in suitable container for disposal.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid formation of aerosols. Avoid contact with skin and eyes. Avoid inhaling dusts/ billows/ steams.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities



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Recommended storage temperature

Value 25 °C

Requirements for storage rooms and vessels

Keep in a cool place.

Hints on storage assembly

Not required.

VCI storage category

VCI storage category 6.1A Combustible toxic substances

Further information on storage conditionsKeep container tightly closed. Keep containers tightly closed in a dry, cool and well-ventilated place.
Protect from light.**8. Exposure controls/personal protection****8.2. Exposure controls****General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands and face before breaks and after work. Avoid contact with eyes and skin.

Respiratory protection

necessary; combination filter A-P2; Multi-purpose filter ABEK

Hand protectionProtective gloves
Appropriate Material Gloves / resistant to chemicals**Eye protection**

Tightly fitting safety glasses

Body protection

Protective clothing

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

Form	Oily		
Colour	colourless to yellowish		
Odour	slightly perceptible		
pH			
Value	6	to	7.8
Concentration/H ₂ O	250	g/l	
Temperature	20	°C	
Melting point			
Value	24		°C
Boiling point			
Value	296		°C
method	DIN 51751		
Flash point			
Value	150		°C
method	DIN 51755		
Density			



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Value	1.06		g/cm ³
Temperature	20	°C	

Solubility in water

Remarks easily soluble

9.2. Other information**Solvent content**

Value 0.0 %

Other information

The product is not dangerous for explosions.

10. Stability and reactivity**10.4. Conditions to avoid**

No decomposition if stored and applied as directed. No hazardous reactions known.

10.5. Incompatible materials

strong acids, Strong bases, strong reducing agents

10.6. Hazardous decomposition products

Nitrous gases

11. Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

Species	mouse		
LD50	188		mg/kg
Species	rabbit		
LD50	650		mg/kg

Acute inhalational toxicity

Remarks Irritating to respiratory system.

Skin corrosion/irritation

Remarks	Irritating to skin.
Remarks	Irritates the mucous membrane.

Serious eye damage/irritation

Remarks Irritates the eyes.

Sensitization

Remarks No sensitisation effect known.

Experience in practice

May be harmful by inhalation. Irritating effect on the respiratory tract.

12. Ecological information**12.2. Persistence and degradability****Biodegradability**

Remarks Not readily biodegradable.

12.6. Other adverse effects**General information / ecology**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage



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system. The product causes changes in the pH value in the test system. The result relates to the unneutralized sample.

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 13* solid wastes containing dangerous substances

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste.
Disposal in compliance with local and national regulations.

14. Transport information

Land transport ADR/RID

14.1. UN number

UN 2810

14.2. UN proper shipping name

TOXIC LIQUID, ORGANIC, N.O.S

Danger releasing substance Nikethamide

14.3. Transport hazard class(es)

Class 6.1

Label 6.1

14.4. Packing group

Packing group III

Marine transport IMDG/GGVSee

14.1. UN number

UN 2810

14.2. UN proper shipping name

TOXIC LIQUID, ORGANIC, N.O.S

Danger releasing substance Nikethamide

14.3. Transport hazard class(es)

Class 6.1

14.4. Packing group

Packing group III

Air transport ICAO/IATA

14.1. UN number

UN 2810

14.2. UN proper shipping name

TOXIC LIQUID, ORGANIC, N.O.S

Danger releasing substance Nikethamide

14.3. Transport hazard class(es)

Class 6.1

14.4. Packing group

Packing group III

15. Regulatory information

16. Other information

R-phrases listed in chapter 3



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Toxic if swallowed.

36/37/38

Irritating to eyes, respiratory system and skin.

Hazard statements listed in chapter 3

H301

Toxic if swallowed.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

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.