



Trade name: N,N Diethyl-M-Toluamid

Substance number: 270570

Version: 4 / CH

Date revised: 22.12.10

Replaces Version: 3 / CH

Date of printing: 14.06.12

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

### 1.1. Product identifier

N,N Diethyl-M-Toluamid

Item-No. 27057000

### 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. 4 H302

Eye Irrit. 2 H319

Skin Irrit. 2 H315

Aquatic Chronic 3 H412

#### Classification in accordance with EC directives

Classification Xn, R22

Xi, R36/38

R52/53

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal Word

Warning

#### Hazard statements

H302

Harmful if swallowed.

H319

Causes serious eye irritation.

H315

Causes skin irritation.

H412

Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P301+P312

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P280

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



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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P273 Avoid release to the environment.

**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**

Harmful

**R phrases**

22 Harmful if swallowed.  
 36/38 Irritating to eyes and skin.  
 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S phrases**

13 Keep away from food, drink and animal feedingstuffs.  
 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

**Hazardous component(s) to be indicated on label**

contains N,N-diethyl-m-toluamide

**3. Composition/information on ingredients****Hazardous ingredients****N,N-diethyl-m-toluamide**

CAS No.	134-62-3			
EINECS no.	205-149-7			
Concentration		>=	50	%
Classification	Xn, R22 Xi, R36/38 R52/53			

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

Eye Irrit. 2	H319
Skin Irrit. 2	H315
Acute Tox. 4	H302
Aquatic Chronic 3	H412

**4. First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated clothing immediately and dispose of safely.

**After inhalation**

Remove the casualty into fresh air and keep him calm.

**After skin contact**



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In case of contact with skin wash off immediately with plenty of water.

**After eye contact**

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

**After ingestion**

Rinse out mouth and give plenty of water to drink. Induce vomiting if patient is conscious, seek medical advice.

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

Water, Carbon dioxide, Foam, Dry powder

**5.2. Special hazards arising from the substance or mixture**

In case of combustion evolution of dangerous gases possible. Nitrogen oxides (NO<sub>x</sub>)

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus. Wear protective clothing.

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

Use breathing apparatus if exposed to vapours/dust/aerosol. Avoid contact with skin, eyes and clothing.

**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.

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

Observe the usual precautions for handling chemicals.

**7.2. Conditions for safe storage, including any incompatibilities****Further information on storage conditions**

Store in a dark place. Keep container dry in a cool, well-ventilated place.

**8. Exposure controls/personal protection****8.2. Exposure controls****Respiratory protection**

necessary

**Hand protection**

impermeable gloves

**Eye protection**

Safety glasses



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## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Form</b>	liquid		
<b>Colour</b>	colourless		
<b>Odour</b>	weak		
<b>pH</b>			
Remarks	Not applicable		
<b>Melting point</b>			
Remarks	Not applicable		
<b>Boiling point</b>			
Value	160		°C
<b>Flash point</b>			
Value	140		°C
<b>Explosion limits</b>			
Remarks	Not applicable		
<b>Vapour pressure</b>			
Value	0.007		hPa
Temperature	20	°C	
<b>Density</b>			
Value	0.996		g/cm <sup>3</sup>
Temperature	20	°C	
<b>Solubility in water</b>			
Remarks	insoluble		
<b>Solubility in other solvents</b>			
Ethanol			
Remarks	soluble		
<b>Ignition temperature</b>			
Value	460		°C

## **10. Stability and reactivity**

### **10.5. Incompatible materials**

Reactions with strong oxidising agents.

### **10.6. Hazardous decomposition products**

Toxic gases/vapours

## **11. Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute oral toxicity**

Species	rat		
LC50		1950	mg/kg

#### **Acute dermal toxicity**

Species	rabbit		
LD50		3180	mg/kg

#### **Skin corrosion/irritation**



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valuation irritant

**Serious eye damage/irritation**

valuation irritant

**Other information**

After swallowing: feeling of sickness, vomiting, coma.

**12. Ecological information****12.1. Toxicity****Fish toxicity**

Species	Fathead minnow (Pimephales promelas)		
LC50	110		mg/l
Duration of exposure	96	h	

**Bacteria toxicity**

EC50	0.54		mg/l
Duration of exposure	5	min	

**12.2. Persistence and degradability****Biodegradability**

Value	1		%
Duration of test	28	d	
valuation	not readily degradable		

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

Do not allow to enter soil, waterways or waste water canal.

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

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Dispose of as unused product.

**14. Transport information****Land transport ADR/RID**

Non-dangerous goods

**Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.

**Air transport ICAO/IATA**

The product does not constitute a hazardous substance in air transport.

**15. Regulatory information****16. Other information****R-phrases listed in chapter 3**

22	Harmful if swallowed.
36/38	Irritating to eyes and skin.



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52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Hazard statements listed in chapter 3**

H302

Harmful if swallowed.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H412

Harmful to aquatic life with long lasting effects.

**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.