



Trade name: Fuchsin für Mikroskopie(C.I.42510)

Substance number: 180600

Version: 3 / CH

Date revised: 10.05.12

Replaces Version: 2 / CH

Date of printing: 10.05.12

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

1.1. Product identifier

Fuchsin für Mikroskopie(C.I.42510)

Item-No. 18060000

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

Use of the substance/preparation

In Vitro Diagnostic Medical Device, Reagent for analyses

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 sdb@haenseler.ch

person responsible
for this SDS

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 in accordance with EC directives

Classification Carc.Cat.2, R45

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.

P308 IF exposed or concerned:

P313 Get medical advice/attention.

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



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Toxic

R phrases

45 May cause cancer.

S phrases53 Avoid exposure - obtain special instructions before use.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).**Hazardous component(s) to be indicated on label**

contains 4,4'-(4-Iminocyclohexa-2,5-dienylidenemethylene)dianiline hydrochloride

Special labelling for certain preparations

"Restricted to professional users"

2.3. Other hazards

Restricted to professional users. Attention - Avoid exposure - obtain special instructions before use.

3. Composition/information on ingredients**Hazardous ingredients****4,4'-(4-Iminocyclohexa-2,5-dienylidenemethylene)dianiline hydrochloride**

CAS No.	569-61-9				
EINECS no.	209-321-2				
Concentration	>=	25	<	50	%
Classification	Carc.Cat.2, R45				

Classification (Regulation (EC) No. 1272/2008)	Carc. 1B	H350
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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.

After inhalation

Ensure supply of fresh air. Summon a doctor immediately.

After skin contact

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

After eye contact

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

After ingestion

Let plenty of water be drunk in small gulps. Summon a doctor immediately.

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



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Suitable extinguishing media

Water, Carbon dioxide, Foam, Dry powder

5.2. Special hazards arising from the substance or mixtureThe product is combustible. In case of combustion evolution of dangerous gases possible. In the event of fire the following can be released: Nitrogen oxides (NO_x); Hydrogen chloride (HCl)**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Wear protective clothing.

Other information

Do not discharge into surface waters/groundwater. Suppress vapours with water spray jet.

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

Avoid contact with skin, eyes and clothing. Do not inhale dust. Ensure supply of fresh air.

6.2. Environmental precautions

Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. When picked up, treat material as prescribed under heading "Disposal". Clean up affected area. Avoid raising dust.

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

Value 5 30 °C

Requirements for storage rooms and vessels

Prevent unauthorized access.

Further information on storage conditions

Keep container in a well-ventilated place. Keep container tightly closed and dry.

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

Remove contaminated, soaked clothing immediately and dispose of safely. Preventative skin protection. Wash hands and face after work. Do not eat or drink during work time. Work only in fume cupboards.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere.

Hand protection

Gloves

Appropriate Material nitrile rubber - NBR

Material thickness 0.11 mm

Penetrating time > 480 min

Eye protection

necessary



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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	solid		
Colour	green		
Odour	almost odourless		
pH			
Value	5	to	6
Concentration/H ₂ O	1	g/l	
Temperature	25	°C	
Source	Merck Index		
Melting point			
Value	appr. 235		°C
Source	Merck Index		
Boiling point			
Remarks	No data available		
Flash point			
Value		°C	
Remarks	No data available		
Solubility in water			
Value	4		g/l
Temperature	25	°C	
Source	Merck Index		

9.2. Other information

Bulk density			
Value	appr. 500		kg/m ³
Source	Merck Index		

10. Stability and reactivity

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

nitrous oxides (NO_x), Hydrogen chloride (HCl)

11. Toxicological information

11.1. Information on toxicological effects

Carcinogenicity

Remarks May cause cancer.

12. Ecological information

12.6. Other adverse effects

General information / ecology

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

13. Disposal considerations



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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

45 May cause cancer.

Hazard statements listed in chapter 3

H350 May cause cancer.

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.