

Trade name: Acid paraaminobenzoicum

Date revised: 29.07.10

Substance number: 060320

Version: 1 / CH

Date of printing: 29.07.10

## **01. Identification of the substance/preparation and of the company/undertaking**

### **Trade name**

Acid paraaminobenzoicum

Item-No. 06032000

### **Use of the substance/preparation**

Manufacture of pharmaceutical products, Reagent for analyses

### **Company/undertaking identification**

#### **Address**

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

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

telephone

E-mail address sdb@haenseler.ch

## **02. Hazards identification**

### **Specific hazards to man and the environment**

No special hazards have to be mentioned.

## **03. Composition / information on ingredients**

### **Substance / product identification**

CAS-Nr. 150-13-0

EINECS-Nr. 205-753-0

### **Molecular weight**

Value 137.13 g/mol

### **Hazardous ingredients**

## **04. First aid measures**

### **After inhalation**

Ensure supply of fresh air.

### **After skin contact**

Remove contaminated, soaked clothing immediately and dispose of safely. In case of contact with skin wash off immediately with plenty of water.

### **After eye contact**

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

### **After ingestion**

Rinse out mouth and give plenty of water to drink. In the event of symptoms take medical treatment.

## **05. Fire-fighting measures**

### **Suitable extinguishing media**

Water, Foam, Dry powder, Carbon dioxide

### **Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases**

The product is combustible. If a fire breaks out nearby evolution of dangerous gases possible. In the

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event of fire the following can be released: Nitrous gases (NO<sub>x</sub>)

**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

**Other information**

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

**06. Accidental release measures****Personal precautions**

Do not inhale dust.

**Environmental precautions**

Do not allow to enter drains or waterways.

**Methods for cleaning up**

For tall amounts: Take up mechanically and collect in suitable container for disposal. Clean up affected area. Avoid raising dust.

**07. Handling and storage****Handling****Advice on safe handling**

Observe safety references and application instructions mentioned on can.

**Storage****Further information on storage conditions**

Protect from light. Keep container tightly closed and dry.

**Recommended storage temperature**

Value	15	-	25	°C
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**08. Expose controls/personal protection****General protective and hygiene measures**

Do not inhale dust/fumes/mist. Wash hands and face after work. Remove contaminated, soaked clothing immediately and dispose of safely.

**Occupational exposure controls****Respiratory protection**

Breathing apparatus in the event of aerosol. Particle filter half mask, filter P1

**Hand protection**

nitrile rubber - NBR

Material thickness	0.11	mm
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Penetrating time	> 480	min
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**Eye protection**

Safety glasses

**09. Physical and chemical properties****General information**

Form	solid
Colour	light yellow
Odour	odourless

**Important health, safety and environmental information****Flash point**



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Remarks no data available

**Boiling point**

Remarks no data available

**Melting point**

Value 186 to 189 °C

**Ignition temperature**

Remarks non flammable

**Fire promoting Properties**

Remarks no data available

**Explosion limits**

Remarks no data available

**Density**Value 1.38 g/cm<sup>3</sup>**Bulk density**Value appr. 200 kg/m<sup>3</sup>**Solubility in water**Value 4.7 g/l  
temperature 20 °C**pH**Value 3.5  
Concentration/H<sub>2</sub>O 5 g/l  
temperature 20 °C**log Pow**log Pow 0.83  
method experimental**Flammability :**

no data available

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

Protect from heat/overheating.

**Materials to avoid**

Nitrites, Reaction with nitric acid. Reactions with oxidising agents. Reactions with alkalis.

**Thermal decomposition**

Value 285 °C

**Other information**

sensitive to air. light-sensitive. dust explosions

**11. Toxicological information****Acute toxicity / further data****Acute oral toxicity**Species rat  
LD50 6.000 mg/kg**Irritant/corrosive effects****Sensitization**Remarks negative on animals  
Source Literature value



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**Effects after repeated or prolonged exposition (subacute, subchronic, cronic)****Mutagenicity**

valuation No mutagenicity in the Ames-test.

**Experience in practice**

methaemoglobinaemia. headache

**12. Ecological information****Daphnia toxicity**

Species	Daphnia		
EC50	546		mg/l
Duration of exposure	24	h	
Source	Literature value		

**Bacteria toxicity**

Species	Photobacterium phosphoreum		
EC50	27.4		mg/l
Duration of exposure	30	min	
Source	Literature value		

**Biodegradability**

Value	96		%
Duration of test method	13	d	
	OECD 302B		

**General information / ecology**

Do not allow it to reach ground water, water bodies or sewage system.

**13. Disposal considerations****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Disposal in compliance with local and national regulations.

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

22 Do not breathe dust.

**Labelling according to regulation (EC) No 1272/2008****Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

**National regulations****Water Hazard Class (Ger.)**

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Water Hazard Class WGK 1  
(Ger.)

**VOC (CH)**

VOC (CH) 0.0 %

**16. Other information**

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.