



Trade name: Povidonum K90

Substance number: 067385

Version: 1 / CH

Date revised: 10.02.11

Replaces Version: - / CH

Date of printing: 25.09.12

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

1.1. Product identifier

Povidonum K90

Item-No. 06738500

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

Use of the substance/preparation

Pharmaceutical excipient

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

2.2. Label elements

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

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/information on ingredients

Substance / product identification

CAS-Nr. 9003-39-8

Chemical characterization

Povidonum K90

4. First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

Remove the casualty into fresh air and keep him calm.

After skin contact

Wash off with soap and water.



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After eye contact

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

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Let plenty of water be drunk in small gulps. Do not induce vomiting - aspiration hazard. Take medical treatment.

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

Water spray jet

5.2. Special hazards arising from the substance or mixture

Carbon dioxide (CO₂); Cyanide; Nitrogen oxides (NO_x)

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**

Avoid dust formation.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal. When picked up, treat material as prescribed under heading "Disposal".

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

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

The product is capable of a dust explosion. Take precautionary measures against static charges.
Procure extinguisher

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed and dry. Store away from sources of ignition and heat.

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

General industrial hygiene practice.



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Respiratory protection

Breathing apparatus in the event of aerosol, mist or fume formation. Short term: filter apparatus, Filter P1

Hand protection

Chemical resistant gloves

Appropriate Material	nitrile rubber - NBR		
Material thickness	0.4	mm	
Penetrating time	> 480	min	

Chemical resistant gloves

Appropriate Material	Polychloroprene		
Material thickness	0.5	mm	
Penetrating time	> 480	min	

Chemical resistant gloves

Appropriate Material	Butyl rubber - Butyl		
Material thickness	0.7	mm	
Penetrating time	> 480	min	

Eye protection

Safety glasses with side protection shield

Body protection

Clothing as usual in the chemical industry.

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

Form	Powder		
Colour	white to cream colour		
Odour	slight, product specific		

pH

Value	5.0	to	9.0
Concentration/H ₂ O	100	g/l	
Temperature	20	°C	

Melting point

Value	>= 130	°C
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Flash point

Value	> 215	°C
method	DIN 51755	

Density

Value	1.2	g/cm ³
Temperature	20	°C

Solubility in water

Value	> 270	g/l
Temperature	23	°C

Solubility in other solvents

organic solvents

Remarks soluble

Octanol/water partition coefficient (log Pow)

log Pow	to -3.4
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Ignition temperature

Value	425	°C
method	DIN 51794	



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Thermal decomposition

Value	>=	130	°C
Remarks	To avoid thermal decomposition, do not overheat.		

9.2. Other information**Bulk density**

Value	400	to	600	kg/m ³
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10. Stability and reactivity**10.4. Conditions to avoid****Thermal decomposition**

Value	>=	130	°C
Remarks	To avoid thermal decomposition, do not overheat.		

10.6. Hazardous decomposition products

None under normal use.

Other information

Danger of dust explosion

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

Species	rat	
LD50	>	2000 mg/kg
method	BASF-test	
Remarks	no toxicity	

Acute inhalational toxicity

Species	rat	
LC50	>	5.2 mg/l
Duration of exposure	4	h
method	OECD 403	
Remarks	no toxicity	

Skin corrosion/irritation

valuation	non-irritant
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Serious eye damage/irritation

valuation	non-irritant
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Sensitization

Remarks	None
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Mutagenicity

valuation	No mutagenicity in the micronucleus test.
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Reproduction toxicity

valuation	No negative effects
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Carcinogenicity

valuation	No indications of carcinogenic effects are available from long-term trials.
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Other information

When handled appropriately, even after long years of experience with this product, no adverse health effects are known.

The product has not been tested. The information is derived from products of similar composition.



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12. Ecological information

12.1. Toxicity

Fish toxicity

Species	golden orfe (<i>Leuciscus idus</i>)	
LC50	> 10000	mg/l
Duration of exposure	96	h
method	DIN 38412 T.15	

Bacteria toxicity

Species	activated sludge	
EC20	> 1995	mg/l
Duration of exposure	0.5	h
method	OECD 209	

12.2. Persistence and degradability

Biodegradability

Value	> 10	%
Duration of test	15	d
method	OECD 302B	
Remarks	Not readily biodegradable.	

12.3. Bioaccumulative potential

Octanol/water partition coefficient (log Pow)

log Pow to -3.4

12.5. Results of PBT and vPvB assessment

Evaluation of persistence and bioaccumulation potential

Due to the distribution coefficient n-octanol/water, accumulation in organisms is not to be expected.

12.6. Other adverse effects

General information / ecology

Ecological injuries are not known or expected under normal use.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

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



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16. Other information

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.