

Material Safety Data Sheet

according to ANSI Z400.1-2004

Puffer pH 2

Print date: 05.08.2011

Product code: 1001386

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Puffer pH 2

Further trade names

Also applies to the following material numbers: 1001390

Chemical characterization (Mixture)

Citronensäure (C6H8O7)	CAS Nr. 5949-29-1	<1%
Natriumchlorid (NaCl)	CAS Nr. 7647-14-5	<1%
Salzsäure (HCl)	CAS Nr. 7647-01-0	<1%

Details of the supplier of the safety data sheet

Company name:	ProMinent Dosiertechnik GmbH (PROMINENT)	
	Im Schuhmachergewann 5-11; 69123 Heidelberg	
Street:	Im Schuhmachergewann 5-11	
Place:	DE-69123 Heidelberg	
Post-office box:	101760	
	DE-69007 Heidelberg	
Telephone:	0049/6221 842-0	Telefax: 0049/6221 842 (413)
e-mail:	s.baumann@prominent.de	
Contact person:	Baumann	Telephone: +49(0)6221 842-720
Internet:	www.prominent.com	
Responsible Department:	Abteilung T/U (Technik/Umwelt)	

Emergency telephone: Giftnotruf Berlin 030 - 19240

SECTION 2: Hazards identification

Route(s) of Entry

Signs and Symptoms of Exposure

Carcinogenicity (NTP):
 Carcinogenicity (IARC):
 Carcinogenicity (OSHA):

SECTION 3: Composition/information on ingredients

Mixtures

SECTION 4: First aid measures

Description of first aid measures

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media
 To suit environment.

SECTION 6: Accidental release measures

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Environmental precautions

Take up with liquid-absorbent material. Rinse away remainder with a lot of water.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

The product is to be handled with the care and diligence usual for chemicals.

Further information on handling

Keep original container tightly closed.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Protect against direct sunlight and frost.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Respiratory protection

Required. Required when vapors / aerosols are generated.

Hand protection

Required.

Eye protection

Required.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form:

Color:

pH-Value (at 20 °C):

Test method

2

Changes in the physical state

Density (at 20 °C):

 1,0 g/cm³

SECTION 10: Stability and reactivity

Stability:

Possibility of Hazardous Reactions:

Conditions to avoid

.No decomposition if used according to specifications.

Hazardous decomposition products

None known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Citronensäure LD50 : 3000mg/kg (Ratte, oral, wasserfreie Substanz)

Natriumchlorid LD50 : 3000mg/kg (Ratte, oral)

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Salzsäure LD50 : nicht verfügbar

SECTION 12: Ecological information**Toxicity**

Given proper handling and use, no ecological problems are to be expected.

Persistence and degradability

.Not applicable.

SECTION 13: Disposal considerations**Waste treatment methods****Advice on disposal**

"Small containers can be returned during the chemicals collection campaigns of the

Contaminated packaging

"Rinse the container with a lot of water. Dispose of the rinsing water either using the

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information**

This product is not classified as dangerous in the sense of transport regulations.

SECTION 15: Regulatory information**U.S. Regulations****SECTION 16: Other information****Other data**

"This information is based on our current level of knowledge and relates to the product in the The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)