

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### 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

1001390

##### Relevant identified uses of the substance or mixture and uses advised against

##### 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

##### Classification of the substance or mixture

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

##### Label elements

#### SECTION 3: Composition/information on ingredients

##### Mixtures

##### Chemical characterization

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

#### SECTION 4: First aid measures

##### Description of first aid measures

##### After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

##### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

##### After ingestion

If swallowed, immediately drink: Water. Make affected person vomit if conscious.

#### SECTION 5: Firefighting measures

##### Extinguishing media

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#### Special hazards arising from the substance or mixture

Material is not combustible.

#### SECTION 6: Accidental release measures

#### SECTION 7: Handling and storage

##### Precautions for safe handling

##### Conditions for safe storage, including any incompatibilities

#### SECTION 8: Exposure controls/personal protection

##### Control parameters

##### Exposure controls

#### SECTION 9: Physical and chemical properties

##### Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	odourless

##### **Test method**

pH-Value (at 20 °C):	2
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##### **Changes in the physical state**

Density (at 20 °C):	1,0 g/cm <sup>3</sup>
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#### SECTION 10: Stability and reactivity

##### Conditions to avoid

##### Incompatible materials

metal.

#### SECTION 11: Toxicological information

##### Information on toxicological effects

##### **Acute toxicity**

Citronensäure LD50	:	3000mg/kg (Ratte, oral, wasserfreie Substanz)
Natriumchlorid LD50	:	3000mg/kg (Ratte, oral)
Salzsäure LD50	:	nicht verfügbar

##### **Irritation and corrosivity**

Irritant effect on the eye: irritant.

#### SECTION 12: Ecological information

##### Persistence and degradability

#### SECTION 13: Disposal considerations

##### Waste treatment methods

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**Waste disposal number of waste from residues/unused products**

060199 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of acids; wastes not otherwise specified

**Waste disposal number of used product**

060199 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of acids; wastes not otherwise specified

**Waste disposal number of contaminated packaging**

060199 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of acids; wastes not otherwise specified

**SECTION 14: Transport information****SECTION 15: Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

**SECTION 16: Other information****Further Information**

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.)*