

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### Puffer pH 5

Print date: 04.08.2011

Product code: 506257

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

##### Product identifier

Puffer pH 5

##### Further trade names

506252; 791448

##### 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)	
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 (445)
Contact person:	Abteilung Technik/ Umwelt	Telephone: +49(0)6221 842-720
e-mail:	sicherheitsdatenblaetter@prominent.de	
Internet:	www.prominent.com	
Responsible Department:	Abteilung T/U (Technik/Umwelt) Gefahrstoffmanagement/Operational management of Hazardous Substances REACH Compliance	

**Emergency telephone:** Giftnotruf Berlin +49 (0)30 - 19240

#### SECTION 2: Hazards identification

##### Label elements

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

##### Mixtures

##### Chemical characterization

Citronensäure (C6H8O7)	CAS Nr. 5949-29-1	<2,5%
Natriumhydroxid NaOH		

##### Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
215-185-5	caustic soda, sodium hydroxide	<1%
1310-73-2	C R35	
011-002-00-6	Skin Corr. 1A; H314	

Full text of R- and H-phrases: see section 16.

#### 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

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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

#### 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

##### Advice on protection against fire and explosion

No special precautionary measures are necessary.

##### Further information on handling

No special precautionary measures are necessary.

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

##### Advice on storage compatibility

No special precautionary measures are necessary.

### SECTION 8: Exposure controls/personal protection

#### Control parameters

#### Occupational exposure limits

CAS No.	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	f/ml	Category	Origin
1310-73-2	Sodium hydroxide	-	-	-	TWA (8 h)	
		-	2		STEL (15 min)	

#### Additional advice on limit values

No special precautionary measures are necessary.

#### Exposure controls

##### Occupational exposure controls

No special precautionary measures are necessary.

##### Protective and hygiene measures

No special precautionary measures are necessary.

### 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): 5

#### Changes in the physical state

Density (at 20 °C): 1,0 g/cm<sup>3</sup>

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Water solubility:  
(at 20 °C)

highly soluble.

## SECTION 10: Stability and reactivity

## SECTION 11: Toxicological information

Information on toxicological effects

## Specific effects in experiment on an animal

Citronensäure LD50: : 3000mg/kg ( rat. oral)

## SECTION 12: Ecological information

## SECTION 13: Disposal considerations

Waste treatment methods

## 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

## Contaminated packaging

Completely emptied packings can be re-cycled.

## 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): - - not water contaminating

## SECTION 16: Other information

## Full text of R-phrases referred to under sections 2 and 3

35 Causes severe burns.

## Full text of H-Statements referred to under sections 2 and 3

H314 Causes severe skin burns and eye damage.

## 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.)*