

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Puffer pH 9/ pH 8

Print date: 11.08.2011

Product code: 791450

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

Product identifier

Puffer pH 9/ pH 8

Further trade names

: 1001387;1001391;506254;1001388;506259;150537

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

Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
215-540-4	disodium tetraborate decahydrate; borax decahydrate	<0,5%
1303-96-4	Repr. Cat. 2 R60-61	
005-011-01-1	Repr. 1B; H360FD	

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 plenty of Water and soap.

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

Let water be swallowed in little sips (dilution effect). Make affected person vomit if conscious.

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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
Conditions for safe storage, including any incompatibilities
SECTION 8: Exposure controls/personal protection
Control parameters
Occupational exposure limits

CAS No.	Chemical name	ml/m ³	mg/m ³	f/ml	Category	Origin
1303-96-4	Borates, (tetra) sodium decahydrate	-	5		TWA (8 h)	
		-	-		STEL (15 min)	

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): 8 bzw. 9

Changes in the physical state

Density (at 20 °C): 1,0 g/cm³
 Water solubility: highly soluble.
 (at 20 °C)

SECTION 10: Stability and reactivity
SECTION 11: Toxicological information
Information on toxicological effects
Specific effects in experiment on an animal

Natriumtetraborat LD50: 2660 mg/kg rat.

SECTION 12: Ecological information
SECTION 13: Disposal considerations
Waste treatment methods

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Advice on disposal

Handle contaminated packaging in the same way as the substance itself.

Waste disposal number of waste from residues/unused products

060314 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the MFSU of salts and their solutions and metallic oxides; solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

Waste disposal number of used product

060314 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the MFSU of salts and their solutions and metallic oxides; solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

Waste disposal number of contaminated packaging

060314 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the MFSU of salts and their solutions and metallic oxides; solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

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

- 60 May impair fertility.
61 May cause harm to the unborn child.

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

H360FD May damage fertility. May damage the unborn child.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. 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.)