

Material Safety Data Sheet

according to ANSI Z400.1-2004

Puffer pH 10

Print date: 05.08.2011

Product code: 791451

Page 1 of 3

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

Product identifier

Puffer pH 10

Further trade names

Also applies to the following material numbers: 506255;791438;506260

Chemical characterization (Mixture)

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

Route(s) of Entry

Signs and Symptoms of Exposure

Carcinogenicity (NTP):

Carcinogenicity (IARC):

Carcinogenicity (OSHA):

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

CAS No.	Components	Quantity
1303-96-4	disodium tetraborate decahydrate; borax decahydrate	<0,5%

SECTION 4: First aid measures

Description of first aid measures

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

To suit environment.

Material Safety Data Sheet

according to ANSI Z400.1-2004

Puffer pH 10

Print date: 05.08.2011

Product code: 791451

Page 2 of 3

Unsuitable extinguishing media
Not applicable.

SECTION 6: Accidental release measures

Environmental precautions

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

Methods and material for containment and cleaning up

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

Keep original container tightly closed. Protect against direct sunlight and frost.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure limits

CAS No.	Components	ppm	mg/m ³	fib/cc	Category	Origin
1303-96-4	Borates, tetra, sodium salts (Decahydrate)	-	5		TWA (8 h)	REL

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

10

Changes in the physical state

Density (at 20 °C):

 1,0 g/cm³

SECTION 10: Stability and reactivity

Stability:

Possibility of Hazardous Reactions:

Material Safety Data Sheet

according to ANSI Z400.1-2004

Puffer pH 10

Print date: 05.08.2011

Product code: 791451

Page 3 of 3

Conditions to avoid

No decomposition if used according to specifications.

Incompatible materials

None known.

Hazardous decomposition products

None known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

"Quantitative data on the toxicity of this product are not available. Hazardous properties

Specific effects in experiment on an animal

Natriumtetraborat LD50: 2660mg/kg

SECTION 12: Ecological information

Toxicity

"Quantitative data on the toxicity of this product are not available. Hazardous properties

SECTION 13: Disposal considerations

Waste treatment methods

Advice on disposal

"Small containers can be returned during the chemicals collection campaigns of the "As waste for thermal recycling, chemicals are normally hazardous waste. In case of doubt,

Contaminated packaging

"Rinse the emptied containers with a lot of water ! Then, these can be disposed of at the

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information

Dieses Produkt ist kein Gefahrgut im Sinne der Transportvorschriften.

SECTION 15: Regulatory information

U.S. Regulations

SECTION 16: Other information

Other data

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.)