



100162 Boric acid

powder, suitable for use as excipient EMPROVE® exp Ph Eur,BP,NF

For general questions please contact our
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Product number	Packaging	Qty/Pk	Price
1001625000	Plastic bottle	5 kg	price on request
1001629025	Fibre carton	25 kg	price on request
1001629050	Fibre carton	50 kg	price on request

Prices are subject to change without notice.

Product information


Grade	Ph Eur,BP,NF
Synonyms	Orthoboric acid, Trihydroxidoboron
Hill Formula	BH ₃ O ₃
Chemical formula	H ₃ BO ₃
HS Code	2810 00 90
EC number	233-139-2
Molar mass	61.83 g/mol
EC index number	005-007-00-2
CAS number	10043-35-3

Chemical and physical data


Solubility	46.5 g/l (20 °C)
Melting point	171 °C (decomposition)
Molar mass	61.83 g/mol
Density	1.44 g/cm ³ (20 °C)

Bulk density	400 - 600 kg/m ³
pH value	3.7 (46.5 g/l, H ₂ O, 20 °C)
Vapor pressure	2.7 hPa (20 °C)

Safety information according to GHS

Hazard Statement(s)	H360FD: May damage fertility. May damage the unborn child.
Precautionary Statement(s)	P201: Obtain special instructions before use. P308 + P313: IF exposed or concerned: Get medical advice/ attention.
Signal Word	Danger
Hazard Pictogram(s)	
RTECS	ED4550000
Storage class	6.1 D Non combustible, acute toxicity cat. 3 / toxic or substances with chronic effects
WGK	WGK 1 slightly water endangering
Disposal	28 Aqueous solutions: Container D.

Safety information

R Phrase	R 60-61 May impair fertility. May cause harm to the unborn child.
S Phrase	S 53-45 Avoid exposure - obtain special instructions before use. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Categories of danger	toxic for reproduction
Hazard Symbol	 Toxic

Toxicological data

LD 50 oral	LD50 rat 2660 mg/kg
LD 50 dermal	LD50 rat > 2000 mg/kg