



Data Sheet

BORIC ACID (MSR)
"OPTIBORIC 17"

DESCRIPTION :-

White, free-flowing granule (0.1 - 0.5mm typical)

CHEMICAL ANALYSIS % :-

H3BO3	:	99.8 min		Fe	:	0.003 max
B2O3 (dry)	:	56.2 min		Cl	:	0.07 max
SO4	:	0.1 max		Ca	:	0.05 max
PO4	:	0.001 max		As	:	0.001 max
B	:	17,4 min		Fe	:	0.003 max

PHYSICAL PROPERTIES :-

Moisture	:	0.1% max
Grading	:	40 - 100 # (+/- 10%)
Melting Point	:	185°C
pH	:	4 (5% by weight of solution @ 22 deg C)
Insolubles in H ₂ O	:	20ppm

USES :-

Production of fertiliser, glass fibre, base metals, pesticide, welding electrodes, lubricants, flame retardant, electrovacuum, optical and aluminium-silicate, ceramic colours for porcelain, boron-zinc glazes, granular borosuperphosphate and hard alloys.

Completed :	T Carolin	Approved By _____	Approved :	S. Gregory
Title:	Quality Manager		Title :	Director
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