



MENAFERT

Technical Data Sheet

Advanced MENAMAG BOR

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Advanced MENAMAG BOR

Description

Brand Name	MENAMAG BOR
Chemical name	Magnesium nitrate and Boric Acid
Chemical Formula	$Mg(NO_3)_2 \cdot H_3BO_3$
Color	white flakes

Chemical Composition

Total Nitrogen (N)	10.8% w/w +/- 0.3%
Nitric N (N-NO ₃)	10.8% w/w +/- 0.3%
Magnesium Oxide (MgO)	15.5% w/w +/- 0.2%
Boron (B)	0.2% w/w +/- 0.05%

Physical Properties

Density	0.8 +/- 0.05 g/cm ³
Solubility in water	2250 g/L (at 20°C)
EC	0.9 mS/cm (in 0.1% solution)
pH	5 - 8 (in 10% water solution)
	5.5 - 6 (in 1% solution)
Water Insoluble	< 0.01%