

Product Datasheet

GK3205 - Ammonium pentaborate octahydrate

Pictograms

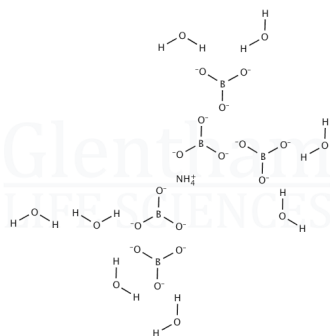


Product Details

Product Name	Ammonium pentaborate octahydrate
Glenthams Code	GK3205
CAS Number	12046-03-6
EINECS	234-521-1
MDL Number	MFCD00135839
PubChem SID	310266795

Structure

Molecular Weight	: 544.29
Molecular Formula	: $(\text{NH}_4)_2\text{B}_{10}\text{O}_{16} \cdot 8\text{H}_2\text{O}$



Glenthams Product Specification

Physical Description	: White crystals or crystalline powder
Solubility (5% in water)	: Clear, colourless solution
pH (1% in water)	: 7.5 - 9.0
Iron (Fe)	: ≤ 5ppm
Heavy Metals (as Pb)	: ≤ 5ppm
Assay (Titration)	: 99.0 - 100.5 %
Version	: v1.0

About Ammonium pentaborate octahydrate

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P304+P340, P305+P351+P338, P261

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