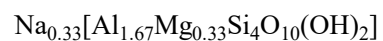




>>Entry Name: Bentonite
ENTRY UNDER REVIEW

CAS Registry Number: 1302-78-9



Molecular Formula: $[\text{Al}_{1.67}\text{H}_2\text{Mg}_{0.33}\text{Na}_{0.33}\text{O}_{12}\text{Si}_4]$

Molecular Weight: 367.017

Percentage Composition: Al 12.28%; H 0.55%; Mg 2.19%; Na 2.07%; O 52.31%; Si 30.61%

General Statement: Rock containing Montmorillonite [HMQ86-I](#) and var. other clay minerals. Widely distributed mineral

Use/Importance: Used in drilling muds, foundary moulding sands, fillers, ore pellitisation fire extinguishers and in removal of radioactive waste. Constituent of *Fuller's earth*. Pharmaceutical excipient (stabilising and suspending agent)

Aldrich: 28523-4

Sigma: B3378

References:

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