

# ALUMINIUM HYDROXIDE



## General Information

Chemical Formula	Al(OH) <sub>3</sub>	
Synonym	Aluminium(III) Trihydroxide	
Origin	India	
H.S. Code	2818.30	
CAS No.	21645-51-2	
Molecular Weight	78.00 gram/mol	

## Application

Formation of Other Compounds	It is used to make aluminium oxide which is used to manufacture aluminium metal
Paper Industry	It is used as an extender and bodying agent in manufacture of paper. It is also used as a filler in paper industry.
Pharmaceutical	It is used for medicine, increasing immune system, and cosmetics mater
Textile Industry	It is used for waterproofing cloth and fire retardant material
Fire retardant	It is used as a smoke suppressant in a wide range of polymers
Other Industrial	It is used for water purification, binding agent for fine paper, cosmetics, create concrete products, etc.

## Specification

Property	Units	Value
Appearance	-	White Powder
Al(OH) <sub>3</sub>	%	99.5 (min)
Al <sub>2</sub> O <sub>3</sub>	%	64.5 (min)
SiO <sub>2</sub>	%	0.015 (max)
Fe <sub>2</sub> O <sub>3</sub>	%	0.015 (max)
Na <sub>2</sub> O	%	0.30 (max)
Moisture	%	6.0
Loss on Ignition	%	35.0 (max)

## Packaging

- 400 @ 50 kg PP Woven Bag, 20 MT / 20'FCL

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