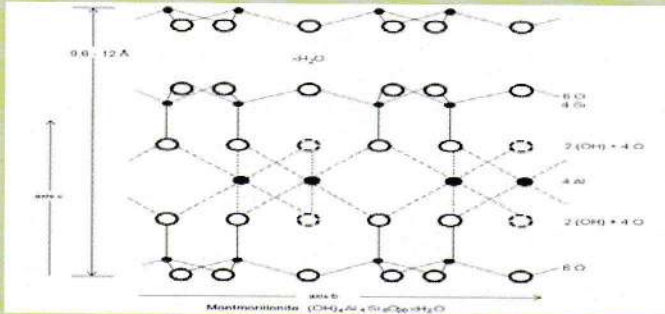


# ATTAPULGITE



## ABOUT GMGBC

GMGB(Gujarat Multigas Base chemicals Pvt ltd) has been founded by Ex-IIT Technocrat Doctorate in chemical engineering technocrat 1971. Over the years, the company has developed a wide range of Quality Product Such as Precipitated silica for personal healthcare and other critical uses, Detergent builder(Brand name DB-150) as ecofriendly water softener, Sodium silicate Glass, Bleaching

Earth(Brand Name as Bleach -9), Activated Alumina , Molecular sieves and Attapulgit powder for chemical industries. The company has large factory and R&D laboratory in mahesana on Ahmadabad-mahesana State Highway. It has a committed Work force and all facilities required to manufacture Tailor made products to suit customer's requirements.

## General Description

Attapulgit is a naturally occurring mineral, is a crystalline hydrated magnesium alumina silicate with a three dimensional chain structure. The shape and sizes of its needle structure gives unique colloidal properties, especially resistance to high concentration of electrolytes, and give high surface area, high porosity particles when thermally activated.

**Activated Attapulgit** is a purified native hydrated aluminum silicate essentially consisting of the clay mineral polygorskite that has been carefully heated in increase its adsorptive capacity. It's a light, cream or buff, very fine powder.

**Colloidal Attapulgit** is a prepared by specific thermal activation and particle size control. The heat treatment of raw clay is made more vigorous and most of the bound water has been removed, the possibility of obtaining a colloidal dispersion is almost Nil.

## SPECIFICATIONS

<b>Description</b>		: A cream coloured micronized non – swelling powder		
<b>Solubility</b>		: In soluble in Water		
			<b>AT GEL- 50</b>	<b>AT GEL-01</b>
<b>Sr. NO</b>	<b>PHYSICO-CHEMICAL PROPERTIES</b>	<b>Unit</b>	<b>Activated Attapulgit</b>	<b>Colloidal Attapulgit</b>
1	Physical appearance	--	Cream colored, Micronized powder	
2	Adsorption Capacity	-	Colour of the solution is not deeper then comparison solution	
3	pH of Solution		7 – 9.5	7 – 9.5
4	Acid soluble Matters	gm	0.25	--
5	Loss on drying (at 105 deg C )	%	NMT 4.0	5 – 17
6	Loss On Ignition (at 950 deg C)	%	4 – 12	17 – 27
7	Volatile matter (at 600 deg C )	%	3 – 7.5	7.5 – 12.5
8	Powder Fineness Max	%	0.5 (@ 325#)	0.5 (@ 240#)
9	Microbial Counts	-	E coli absence	NMT 1000/g



## Application:

---

Paints and Coating application, plastic industries, thickening applications, Asphalt coatings , sorbent applications, friction modifier, adhesives and sealants, Construction, Agricultural and pharmaceutical application.



## Packing

---

ATTAPULGITE is supplied in 25 kgs HDPE bags with inside LDPE liner.

## Safety Data

---

Attapulgit is Asbestos free, a fine light Powder; care should be taken to avoid inhaling it. This material is neither hazardous nor toxic, but Safety requires sensible handling to minimize the Creation of dust, Face mask should be used during handling of this material.

### AHMEDABAD

201/ Skies Appartment, Opp. Navjivan Press,  
Income-tax, Ahmedabad-380 009  
Tel/Fax No. : +91-79-27540146  
Contact : Shri Pankaj Patel  
Mobile :-09426388858

### DELHI-NCR

A-808, Cabana Apartment,Windsor park,  
Vaibhav Khand,Indrapuram.  
Near Nodia,Ghaziabad : 201010(U.P.)  
Tel/Fax No. : 0120 – 2685429., M : 09871058484  
Email : mktg@gmgb.net



### GUJARAT MULTI GAS BASE CHEMICALS PVT. LTD.

Opp. ONGC Colony, Palavasna, Mehsana-384003. INDIA

Tel No. : +91 2762-225566, 225577

Fax No. : +91 2762-225544

Email : gujaratmulti@gmail.com

Web site : [www.gmgsilica.com](http://www.gmgsilica.com)