

# Attagel<sup>®</sup> 40

Attagel 40 is an inert powdered gelling grade of attapulgate. It is finely pulverized to effectively form colloidal gels in ionic and non-ionic aqueous solutions to provide thixotropic thickening and suspension.

## Chemical Composition

(Mg,Al)<sub>5</sub>Si<sub>8</sub>O<sub>20</sub>·4H<sub>2</sub>O

## Properties

### Typical Properties

pH (DI Water)		9.8
Bulk Density (loose)	lbs/ft <sup>3</sup>	30
	kg/m <sup>3</sup>	481
Specific gravity		2.4
Brookfield viscosity	cps	700

### Physical data

Average particle size (Dry Powder)	microns	11
Alpine, +100	%	0.01
Residue, +325	%	0.3
Free moisture	%	14.0
(@ 220 °F, as produced)		
Volatile matter	%	10
(@ 1200 °F, moisture free basis)		
Color		light cream
Physical form		highly pulverized powder

The above typical properties are for general information only and should not be used for specification purposes. Performance characteristics vary depending on specific application. All products should be tested in customer's formulation prior to use. This information is subject to change at any time.

## Applications

Attagel 40 is used in the following applications:

- Paints & Coatings
- Chemical Suspension
- Construction
- Ag Suspension – Suspension Conc. Liquid Feed & Suspension Fertilizer
- Adhesives & Sealants

Attagel 40 is recommended for use in paint and coatings applications where sag resistance, spatter control, and syneresis control is required. It is also used in agriculture suspension products for suspending the active formulation ingredients.

## Safety

### General

BASF recommends that you take the appropriate safety precautions when handling this product as you should when handling all chemicals. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

---

**Important**

WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, THEY ARE PROVIDED FOR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, BASF RECOMMENDS THAT THE READER MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR A PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF BASF'S TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTIONS, DESIGNS, DATA OR INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT THE READER'S RISK.

*Attagel is a registered trademark of BASF Group.*

© BASF Corporation, 2023



BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico.  
For more information on Responsible Care® go to:  
U.S.: [www.basf.us/responsiblecare\\_usa](http://www.basf.us/responsiblecare_usa)  
Canada: [www.basf.us/responsiblecare\\_canada](http://www.basf.us/responsiblecare_canada)  
México: [www.basf.us/responsiblecare\\_mexico](http://www.basf.us/responsiblecare_mexico)

**BASF Corporation**  
Dispersions and Resins  
11501 Steele Creek Road  
Charlotte, North Carolina 28273  
Phone: (800) 251 – 0612  
Email: [CustCare-Charlotte@basf.com](mailto:CustCare-Charlotte@basf.com)  
[www.basf.us/dpsolutions](http://www.basf.us/dpsolutions)