



WUHAN FERTCHEM TECHNOLOGY CO., LTD.



Coloring Agent
Granulating Aid
Anti-caking Agent
Anti-dusting Agent

Bring new value
to global fertilizers



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Company Introduction

Based in Wuhan, China, established in 2000, Wuhan Fertchem Technology Co., Ltd. (Fertchem) is leading in the production of specialty chemicals for phosphate and fertilizer industries. Fertchem has been a trusted partner of fertilizer producers and distributors globally, delivering innovative chemical solutions for process improvement with superior products, expert technical supports and outstanding customer services.

In order to help our customers to compete and succeed in the fertilizer market, Fertchem offers a full range of fertilizer process aids, additives, coatings and services to enable you to optimize your process performance, maximize production efficiency, enhance product quality, increase production output, and improve profitability and competitiveness for our customers.

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Product List

At Fertchem, we have always been recognized in the market for our commitment to working closely with our customers through innovation and clear focus on customer satisfaction.



Fertilizer Production

- Anti-dusting Agent
- Granulation Modifier
- Granulating Aid (Binder)
- Coloring Agent for DAP/MAP
- Coloring Agent for NPK/MOP
- Anti-caking Agent (Oil-base)
- Anti-caking Agent (Powder-base)
- Anti-caking Agent (Water soluble)

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Coloring and Coating Agents Supercolor

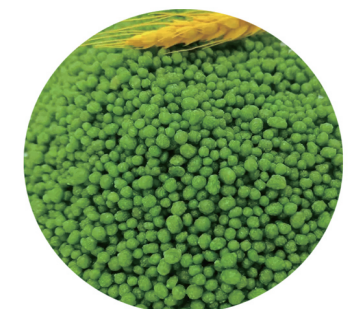
Fertchem has developed the full range of coloring agents to treat the whole fertilizer granule from the inside to the outside, including color coatings which can further modify the color and translucency of the granule surface as desired. In addition, coating agents contribute to dust control, caking control and coloring surface.

A_a Why coloring?

- Increase granule hardness
- Special fertilizer trademark
- Improve granulation performance
- Anti-dusting and prevent caking
- Improve product marketability
- Keep good appearance and differentiation

B_b Features & Benefits

- Good thermal stability
- Good dispersibility in slurry
- Long-lasting gloss
- Customized color
- Anti-caking function
- Excellent coloring power
- Economics and Biodegradable



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Anti-caking Agent (Coating Powder) Supersoft

A_a Chemical composition

Mixture of anionic and cationic surfactants, powder talc and pigment

B_b Specification

Item	Indicator
Appearance	Powder
Color	Customized
Bulk Density, g/cm ³	0.60
Size(Mesh)	550-650
pH	7-9
Moisture(%)≤	0.50



C_c Features

Supersoft is the compound product with multifunction, anti-caking and coloring, powder type anti-caking agent suitable for a wide range of granular fertilizers. It can be used alone or in combination with oil base anti-caking agent.

D_d Advantages

- Easy to apply, does not require complicated dosing system
- Stable and superior anti-caking effect
- Improve coating and coloring efficiency
- Energy saving: does not require the heating facility

E_e Dosage

The recommended dosage for Supersoft is 2-3kg/mt fertilizer. Customer can adjust the dosage according to the actual requirement.

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Anti-caking Agent (Coating Oil) Superflow

A_a Chemical composition

Mixture of anionic and cationic surfactants, mineral and vegetable oil

B_b Specification

Item	Indicator
Appearance	Brown Liquid/Solid
Melting Point	10-70°C
Viscosity(80°C) mPa·s	6-20
Flash Point	>190°C
pH	4.0-7.0
Density(80°C) g/cm ³	0.85-0.95



C_c Function

During storage and transportation, the fertilizers show a caking tendency due to temperature, humidity and pressure. To keep fertilizer granule free flowing, Fertchem offers a wide range of oil base anti-caking agents for fertilizers. Fertilizer coated by Superflow remains free flowing even after long duration of storage under high temperature and pressure in adverse climatic conditions.

D_d Application

It is applied to anti-dusting and anti-caking of fertilizer, which is suitable for the granular fertilizers.

E_e Tailor-made

We will conduct lab testing and onsite testing with no impact to current operations, recommend customized anti-caking agent, and implement a tailored application system to meet your unique needs.

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Anti-caking Agent (Water Soluble) Supersoluble

A_a Chemical composition

Anionic and cationic surfactant compound

B_b Specification

Item	Indicator
Appearance	Powder
Color	Light Yellow
Bulk Density, g/cm ³	0.50-0.75
Size(Mesh)	350-600
pH	7-9
Water Soluble	100%



C_c Features

Supersoluble consists of completely soluble elements in water and it is particularly suggested as anti-caking agent for soluble fertilizers and Salts as NPK, Urea and Ammonium Sulphate, Ammonium Nitrate, Nitrite.

D_d Advantages

- It is completely water soluble
- It doesn't develop foam
- It doesn't need to be sprayed or ground
- It is completely non toxic

E_e Dosage

The recommended dosage is about 0.2% in the fertilizers (in crystals or in powder form) with excellent anti-caking results.

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Granulating Aid (Binder) Supergran

A_a Chemical composition

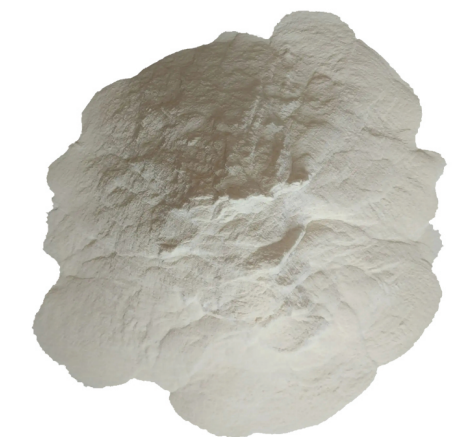
Natural chemicals processed through the advanced production technology

B_b Function

Granulating aid Supergran helps to increase the bonding and crushing strength of the final granules. It also arrests the fines production and practically eliminates dusting in total to increase production capacity.

C_c Benefits

- Maximize fertilizer output
- Lower production cost
- Desired strength
- Uniform granule size
- Low recycle
- Saving energy
- Better quality
- Happy customer



D_d Advantages

Excellent performance: Supergran can realize output-increasing, cost-saving, dust-preventing, hardness-increasing and caking tendency reduction

High adaptability: Supergran can perform well and stably under the existing process

Good simplicity: Simple application(powder base), bulk blending with raw materials, or go into the granulator by screw conveyor or belt with low labor

Cost effective: Low dosage with acceptable unit price

Sustainability: Ecological and environmental-friendly, renewable material