



Anticaking Agent

Anticaking cum Colouring Agent

For NPK Blends, Water Soluble Fertilizers & Micronutrients

- Anticaking Agent available in Colourless as well as in various colours Red, Green, Blue, Brown, Yellow and customer deized colour shades.
- Prevents Moisture absorbence
- Retains free flowability of fertilizer blends
- Helps to mask the ingredients of the blends
- Helps to segregate various blends very easily
- Gives unique identity to the fertilizer blend in the market
- Easy for application in the blender
- Cost effective

For **Granular Blends** the product is available in Oil Based Formulations and for Water Soluble Fertilizers & Micronutrients the Anticaking Agent is available in Surfactant Based Formulation



Application of Coloring Agents

INDO
AMINES
AMERICAS LLC



Indo Amine have developed a series of coloring agents for various types of fertilizers. Our coloring agents are of both types, in-situ type that is process additive as well as the surface colors that are applied in the coating drum.

In-situ Coloring Agent:

Normally, DAP fertilizer is colored Black or Brown and the Black or Brown color requirement is for the entire granule. This type of Black or Brown color is obtained by addition of the coloring agent in the pre-neutralizer or in the PR feed where the coloring agent is mixed thoroughly and uniformly by continuous addition using a metering pump. The color can be maintained by controlled dosage of the coloring agent. Some fertilizer companies demand higher intensity of the color and this can be increased either by adding extra quantity of coloring agent or addition of powder coloring agent simultaneously to that of the liquid coloring agent.

Indo Amines manufacture all the coloring agents in both liquid and powder form.

The coloring agents are also available for NP and NPK type of fertilizers.

Anticaking cum Coloring Agent for Granular NPK fertilizer as well as NPK Blends

Blended fertilizers especially NPK are a mixture of various types of fertilizers that includes Urea as well as other ingredients that are hygroscopic to very hygroscopic. Each blend has a different moisture absorbance level at different humidity conditions of storage.

Indo Amines has studied the mechanism of the moisture absorbance and have developed coating technology that forms a thin film on the surface of the granules. It acts as a moisture barrier thus preventing the ingress of moisture to the maximum level. On application of the Anticaking Agent this property helps in prolonging the moisture absorbance thus retaining the free flowability of the blended fertilizer. The product is suitable for any type of traditional coating application system. The Anticaking Agent can be also added in small portions to the small batch type blenders and the results are equivalent to mechanical operations of coating in the coating drum.

Indo Amines has developed Anticaking cum Coloring Agents for the NPK Blends that are normally available in dark color shades like Red, Green, Blue, etc. This helps in masking the ingredients of the blends as well as they give unique identity to the fertilizer brand in the market. It also helps for segregation of various grades within the factory due to the color identity. The color identity is also an added advantage for the marketing people of the organization to promote the fertilizer with its benefits to the farmer. Our Anticaking cum Coloring Agents are cost effective too.



For details contact:

Chandrakant Devasthali

Vice President Marketing

Email: chandra@indoaminesltd.com • Mobile: +1 (305) 307 0155

For details contact:

Pradeep Navelkar

Director

Email: pnavelkar@indoaminesltd.com • Mobile: +1 (301) 466-9902

Indo Amines Ltd.

Certified ISO 9001:2015 Company

Corporate Office:

W-44, MIDC, Phase-II, Manpada Road,
Dombivli (E), Thane - 421204, Maharashtra, India.

Tel: +91-70455 92703 / 06, +91-82910 98827, +91-74982 45178

Email: exports@indoaminesltd.com / sales@indoaminesltd.com • Website: www.indoaminesltd.com

Indo Amines Americas LLC

USA Office:

4550 Linden Hill Road,
Wilmington, DE 19808 USA.

Email: sales@iaallc.us • Website: www.iaallc.us



Technical Marketing by:



Indo Europe Additive SL,

Rambla Fabra i Puig 10-12, 08030 Barcelona (Spain)

Joan Miquel Sánchez

Commercial Director

Email: jmsanchez@ineua.com • Tel.: +34 660 06 23 87