



INNOVATIVE CHEMICAL TECHNOLOGIES FOR IMPROVED FERTILIZER QUALITY, HANDLING & PERFORMANCE

FERTILIZER CHEMICALS

With rising demand for quality fertilizers, increased competition, and stricter environmental, health and safety (EHS) regulations, the fertilizer industry is being challenged to deliver better quality, high-performance fertilizer products to their customers. In order to help you compete and succeed in the marketplace, ArrMaz provides a wide range of fertilizer process aid additives, coatings and engineering services to enable you to optimize your process performance, maximize production efficiency and produce superior fertilizer products for your customers.

As a global market leader in the provision of specialty chemicals to the fertilizer industry, ArrMaz can provide you with a complete product and equipment package to help you succeed.

FERTILIZER APPLICATIONS & BENEFITS

Whether you're looking for improved yield, increased throughput or reduced emissions, ArrMaz has the right product for your application.

We will conduct onsite testing with no impact to current operations, recommend customized fertilizer additives and coatings, and implement a tailored application system to meet your unique needs.

PRIMARY APPLICATIONS

ArrMaz fertilizer chemicals are engineered to optimize the following processes:

- Dust Control
- Anti-Caking
- Coloring
- Foam Control
- Granulation
- Filtration
- Blending

KEY BENEFITS

ArrMaz fertilizer solutions deliver:

- Significant dust reduction for easier fertilizer handling and improved worker safety
- Improved production capacity and efficiency
- Substantially reduced caking of fertilizer
- Improved flowability for ease of handling, storage and transportation
- Enhanced fertilizer quality, color and appearance
- Improved stability of micronutrient fertilizer blends
- Easier compliance with Environmental, Health and Safety (EHS) Standards
- Better compatibility in end use applications

ARKEMA
INNOVATIVE CHEMISTRY

ArrMaz

BUILDING A NEW LEADER IN
SPECIALTY SURFACTANTS

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MARKET APPLICATIONS

ArrMaz process aids, additives and coatings can be used in the production of the following fertilizers:

- MAP / DAP
- Potash
- Micronutrients
- AS
- Urea
- Specialty Blends
- GTSP
- NPK
- And More

FERTILIZER CHEMICALS

DUSTROL® | GALORYL® | Microstickers™

PRODUCT TYPES	APPLICATIONS	BENEFITS
Dust Control Coatings	All solid fertilizers Ground dust control (DAP, MAP, GTSP, NPK, SOP, AN, AS, KNO ₃ , Urea, KCl Biosolids and Micronutrients)	Prevents and reduces dust during storage, shipping and use Regulatory compliance
Anti-Caking Coatings	All solid forms of fertilizer (such as granular, prilled and powders)	Controls caking during storage and shipping Limits pile set during storage
Coloring Agents	Granular fertilizer	Provides a quality uniform appearance Creates unique product identification
Defoamers	Wet process phosphoric acid production Granular fertilizer production	Increases production capacity and efficiency Improves agitation / mixing and slurry circulation
Granulation Aids	Phosphate granulation Potash granulation NPK fertilizer granulation	Improved granulation capacity Improves quality of granule structure Promotes rapid granulation
Flocculants, Filtration and Clarification Aids	Gypsum filtration in phosphoric acid production Phosphoric acid clarification	Improves production rates Improves recovery Lowers impurity content Higher finished product grade Improved clarifier performance
Binders	Macronutrient and micronutrient fertilizer	Stable micronutrient fertilizer blend (90 days) Low dust levels during storage, handling and transport High micronutrient concentration on fertilizer surface Even distribution of micronutrient on fertilizer surface Better product appearance and color

THE ARMAZ ADVANTAGE

Since 1967, ArrMaz has been a trusted partner to fertilizer manufacturers and distributors worldwide, delivering innovative chemical solutions for process improvement with superior responsiveness, expert technical advice and outstanding customer support. Each year, we coat more than 40 million tons of fertilizer for some of the world's largest fertilizer producers. Let us do the same for you.

Contact ArrMaz today to discover how our high-quality custom fertilizer solutions can improve your product and process.
Email Fertilizer@ArrMaz.com or call +1-863-578-1206 for further information.

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