



## **SPECIALTY FERTILISER & CROP NUTRITION SOLUTIONS**

**We offer a broad range of specialty chemicals and raw materials for the fertiliser and agriculture industry, supporting nutrient efficiency, soil conditioning, crop performance, and agricultural processing applications. Our portfolio includes nitrogen-based products, mineral additives, water treatment chemistries, and specialty performance additives designed to improve handling, stability, and application efficiency across agricultural systems.**

Raw materials range from coated and granular fertiliser products, urea derivatives, and mineral-based additives through to specialty silicates, dispersants, and process chemicals used in fertiliser manufacturing, blending, soil treatment, and agricultural infrastructure applications. Our solutions are designed to support product quality, operational efficiency, and long-term performance across modern agricultural operations.

## NITROGEN-BASED SOLUTIONS

High-performance nitrogen raw materials designed to support efficient nutrient delivery, enhanced nitrogen uptake, and improved fertiliser performance. Suitable for granular, liquid, controlled-release, and enhanced-efficiency fertiliser systems across agricultural and horticultural applications.

### Urea Prill

Low biuret prilled urea designed for fertiliser blending and agricultural applications requiring high nitrogen content and consistent granule quality. Provides excellent handling, free-flowing performance, and reliable nutrient delivery for broadacre, horticultural, and industrial fertiliser systems.

### Controlled Release Nitrogen Technologies

Advanced nitrogen delivery technologies designed to release nutrients gradually over time, improving nutrient efficiency, reducing leaching losses, and supporting long-term crop availability.

### Slow Release Nitrogen Technologies

Specialty nitrogen systems formulated to provide a more controlled nutrient release profile, helping improve nitrogen utilisation while reducing volatilisation and nutrient loss.

### Nitrogen Stabilizers

Performance additives designed to improve nitrogen retention and nutrient efficiency by reducing losses caused by volatilisation, leaching, and environmental exposure.

### Urease Inhibitors

Specialty additive technologies that slow the conversion of urea into ammonia, helping reduce nitrogen volatilization and improve nutrient availability after fertiliser application.

### Nitrification Inhibitors

Advanced nitrogen management technologies designed to slow the conversion of ammonium to nitrate, reducing leaching losses and improving nitrogen efficiency in agricultural systems.

### Specialty Nitrogen Blending Components

Technical nitrogen-based raw materials designed for custom fertiliser blends, specialty nutrient systems, and enhanced-efficiency agricultural formulations.

### SOA (Sulphate of Ammonia)

A reliable nitrogen and sulphur fertiliser widely used in broadacre, horticultural, and specialty crop applications. Provides readily available nitrogen and sulphur to support plant growth, protein formation, and improved crop yields.

## PHOSPHATE-BASED SOLUTIONS

Advanced phosphate solutions developed for precision crop nutrition, liquid fertiliser systems, and specialty agricultural formulations. These products support nutrient availability, formulation flexibility, and efficient phosphorus uptake.

### Urea Phosphate

A highly efficient nitrogen and phosphorus source commonly used in water-soluble fertilisers, fertigation systems, and specialty crop nutrition programs. Urea phosphate offers excellent solubility and acidic properties, making it suitable for precision agriculture and liquid fertiliser applications.

### Dipotassium Phosphate (DKP)

A highly soluble phosphate fertiliser providing potassium and phosphorus while offering buffering and pH control properties. Suitable for specialty fertilisers, industrial formulations, and chemical processing applications.

### Tripotassium Phosphate (TKP)

A highly alkaline, water-soluble phosphate used in specialty fertilisers, industrial processing, and pH control applications. TKP provides an efficient source of potassium and phosphorus for a range of technical formulations.

### Mono Potassium Phosphate (MKP)

A high-purity phosphorus and potassium nutrient source designed for water-soluble fertilisers, fertigation, and precision crop nutrition systems.

### Technical Grade Phosphates

High-purity phosphate raw materials designed for liquid fertiliser production, specialty nutrient blends, and advanced agricultural formulations.

## POTASSIUM-BASED SOLUTIONS

Specialty potassium nutrient solutions for premium fertiliser formulations and advanced crop nutrition systems. Suitable for fertigation, liquid fertilisers, foliar applications, and high-efficiency nutrient programs where reliable potassium delivery is essential.

### Potassium Nitrate

A highly soluble potassium and nitrogen source widely used in fertigation, hydroponics, foliar applications, and specialty fertiliser systems requiring rapid nutrient availability and low chloride content.

### Potassium Thiosulfate

A liquid potassium and sulphur nutrient source commonly used in liquid fertiliser systems and blended nutrient programs to support crop development and sulphur availability.

### Specialty Potassium Nutrient Systems

Advanced potassium nutrient technologies developed for high-efficiency fertiliser formulations, specialty crop nutrition, and custom agricultural nutrient systems.

### Potassium Bicarbonate

A high-purity potassium source widely used in fertilisers, specialty agriculture, and industrial applications. Potassium Bicarbonate offers excellent water solubility and low impurity levels, making it suitable for chloride-sensitive formulations.

### Potassium Formate 75%

A high-density potassium formate solution used in fertiliser production, oil & gas drilling fluids, and de-icing applications. It offers excellent water solubility, low chloride content, and reliable performance in demanding environments.

#### Potassium Acetate

A highly soluble potassium salt used as a potassium source in fertilisers and specialty formulations. Potassium Acetate also finds application in de-icing, industrial processing, and chemical manufacturing where low chloride content is required.

#### MOP (Muriate of Potash)

A cost-effective potassium fertiliser supplying essential potassium for crop development, water regulation, and improved yield potential. Suitable for a wide range of agricultural and fertiliser blending applications.

#### DAP (Diammonium Phosphate)

A highly concentrated source of phosphorus and nitrogen suitable for fertiliser blending and direct application. Commonly used to promote early root development, crop establishment, and overall plant vigour.

#### Potassium Carbonate

A high-purity, water-soluble potassium source widely used in fertiliser production, pH adjustment, and industrial processing. Potassium Carbonate provides excellent solubility and consistent performance across agricultural and specialty chemical applications.

### SECONDARY NUTRIENTS

A range of secondary nutrient raw materials supporting balanced plant development, crop quality, and nutrient efficiency. Includes calcium, magnesium, and sulphur-based inputs for specialty fertilisers, liquid blends, and water-soluble systems.

#### Calcium Nitrate

A highly soluble calcium and nitrogen fertiliser component used in fertigation, hydroponics, foliar applications, and specialty crop nutrition systems requiring fast nutrient uptake.

#### Magnesium Nitrate

A water-soluble magnesium source designed for liquid fertilisers, specialty nutrient blends, and agricultural systems where rapid magnesium availability is required.

#### Specialty Sulphur Nutrient Sources

Sulphur-based nutrient technologies developed to support balanced crop nutrition, nutrient efficiency, and overall plant performance across agricultural applications.

#### Calcium Performance Additives

Specialty calcium technologies designed to improve fertiliser functionality, nutrient stability, soil performance, and crop quality outcomes.

#### Magnesium Nutritional Components

Magnesium-based nutrient ingredients used to support chlorophyll production, plant health, and balanced nutrient delivery within modern crop nutrition programs.

#### Magnesium Oxide (MgO)

High-purity magnesium source used in fertiliser blends, soil conditioning, and crop nutrition applications. Supports chlorophyll production, plant health, and balanced nutrient uptake across a wide range of agricultural systems.

#### CC Mag-M

High-efficiency magnesium nutrient solution designed for specialty fertiliser blends, liquid nutrition systems, and advanced crop nutrition programs. Supports chlorophyll production, plant health, and balanced nutrient uptake across a wide range of agricultural applications.

#### Magnesium Sulfate Heptahydrate

High-purity magnesium and sulphur source suitable for fertiliser blends, water-soluble nutrient systems, foliar applications, and agricultural formulations. Provides excellent solubility and consistent nutrient performance.

### TRACE ELEMENTS / MICRONUTRIENTS

Precision micronutrient ingredients designed for deficiency correction, specialty crop nutrition, and enhanced plant performance. The range includes sulfates, chelates, and specialty trace element technologies for granular, liquid, foliar, fertigation, and hydroponic applications.

#### Zinc Sulfate

A widely used zinc nutrient source designed for deficiency correction, crop nutrition programs, and fertiliser formulations requiring reliable zinc availability.

#### Zinc Chelates

Chelated zinc technologies developed to improve zinc stability, nutrient uptake, and micronutrient efficiency across liquid, foliar, and specialty fertiliser systems.

#### Zinc Oxide

High-purity zinc micronutrient supplying a concentrated source of zinc for fertiliser blends and agricultural formulations. Suitable for correcting zinc deficiencies and supporting plant metabolism, enzyme activity, and crop productivity.

#### Manganese Sulphate Heptahydrate

High-purity manganese fertiliser providing an essential source of manganese for crop nutrition. Suitable for fertiliser blends, foliar applications, and soil treatments to support plant growth, chlorophyll production, and overall crop performance.

#### Manganese Sulfate

A manganese nutrient source commonly used in agricultural formulations to support plant metabolism, chlorophyll production, and deficiency correction.

#### Manganese Chelates

Specialty manganese chelate systems designed to enhance micronutrient availability, stability, and plant uptake in precision nutrition programs.

#### Copper Sulfate

A copper-based nutrient component used in agricultural formulations for micronutrient supplementation and specialty crop nutrition applications.

#### Copper Chelates

Chelated copper technologies developed for improved nutrient stability, compatibility, and efficient copper delivery across advanced fertiliser systems.

#### **Boric Acid**

A boron nutrient source widely used in fertiliser formulations to support flowering, cell wall development, and balanced crop nutrition.

#### **Sodium Borate**

A boron-based nutritional component designed for agricultural applications requiring efficient boron delivery and formulation flexibility.

#### **Sodium Molybdate**

A molybdenum nutrient source used to support nitrogen metabolism and micronutrient performance within specialty fertiliser systems.

#### **Ammonium Molybdate**

A highly soluble molybdenum source designed for liquid fertilisers, foliar nutrition, and advanced agricultural formulations.

#### **Cobalt Nutrient Sources**

Specialty cobalt nutrient technologies used in agricultural and biological systems to support nitrogen fixation and trace element nutrition.

#### **Nickel Nutrient Sources**

Nickel-based micronutrient components developed for specialty crop nutrition and agricultural systems requiring trace metal supplementation.

#### **Ferrous Sulphate Monohydrate Granular**

High-purity iron micronutrient providing a concentrated source of plant-available iron for fertiliser blends, soil conditioning, and crop nutrition programs. Suitable for correcting iron deficiencies and supporting healthy plant growth and development.

#### **Iron Chelates (EDTA, DTPA, EDDHA)**

High-performance iron chelation technologies designed to improve iron availability and deficiency correction across varying soil and pH conditions.

## **WATER SOLUBLE FERTILISER INGREDIENTS**

Water-soluble fertiliser raw materials designed for rapid dissolution, high nutrient availability, and efficient nutrient delivery in fertigation, hydroponic, and foliar systems. Suitable for custom blends and high-performance agricultural applications.

#### **Urea Phosphate**

A water-soluble nitrogen and phosphorus source designed for precision nutrition, liquid fertilisers, and systems requiring efficient nutrient uptake and acidic formulation performance.

#### **Magnesium Nitrate**

A water-soluble magnesium source used in specialty fertiliser blends and liquid nutrient systems where rapid magnesium availability is required.

#### **Soluble Trace Element Packages**

Customisable micronutrient blends designed for water-soluble fertiliser systems, fertigation, foliar nutrition, and precision agricultural applications.

## **CHELATES & ADVANCED CROP NUTRITION**

Advanced nutrient delivery technologies including chelates, humic substances, fulvic components, amino acid systems, and specialty biostimulant raw materials.

#### **EDTA Chelates**

Versatile chelated micronutrient systems designed to improve nutrient stability, compatibility, and uptake in liquid fertilisers, foliar applications, and specialty crop nutrition programs.

#### **DTPA Chelates**

Advanced chelation technologies developed for improved micronutrient stability and performance in agricultural systems with moderate to higher pH conditions.

#### **EDDHA Chelates**

High-performance iron chelation technologies designed for maximum iron stability and availability in alkaline and high pH soil environments.

#### **Amino Acid Chelated Nutrients**

Specialty nutrient systems combining trace elements with amino acids to support improved nutrient absorption, plant metabolism, and crop performance.

#### **Humic Acid Components**

Humic-based raw materials designed to support soil conditioning, nutrient efficiency, root development, and overall plant health within agricultural systems.

#### **Fulvic Acid Components**

Highly active organic components developed to improve nutrient transport, micronutrient availability, and plant uptake efficiency.

#### **Seaweed Extract Inputs**

Natural plant-based agricultural inputs designed to support plant vigor, stress tolerance, root development, and overall crop performance.

#### **Biostimulant Raw Materials**

Specialty raw materials used in advanced crop nutrition and biostimulant formulations to support nutrient efficiency, plant health, and environmental stress management.

## LIQUID FERTILISER FORMULATION RAW MATERIALS

Technical-grade nutrient inputs and formulation components for liquid fertiliser production, custom nutrient systems, and specialty agricultural blends.

### Technical Grade Phosphates

High-purity phosphate raw materials designed for liquid fertiliser production, specialty nutrient blends, and advanced agricultural formulation systems.

### Soluble Nitrogen Sources

Water-soluble nitrogen components developed for liquid fertilisers, fertigation systems, and precision agricultural nutrient applications.

### Potassium Nutrient Solutions

Soluble potassium technologies designed for liquid fertiliser manufacture, custom nutrient systems, and high-efficiency crop nutrition programs.

### Soluble Trace Elements

Micronutrient raw materials developed for liquid fertiliser blending, fertigation, foliar nutrition, and specialty agricultural formulations.

### Chelated Micronutrient Packages

Advanced chelated nutrient systems designed to improve micronutrient stability, compatibility, and plant uptake within liquid fertiliser applications.

### Formulation Stabilizers

Specialty additive technologies designed to improve liquid fertiliser stability, compatibility, shelf life, and overall formulation performance.

## SOIL CONDITIONING & ENVIRONMENTAL SOLUTIONS

Specialty products designed to improve soil performance, nutrient efficiency, and environmental management across agricultural and industrial applications. These solutions support soil health, oxygenation, odour control, moisture management, and remediation processes for enhanced productivity and sustainability.

### Calcium Peroxide

Oxygen-releasing calcium compound used in soil treatment, environmental remediation, wastewater applications, and specialty agricultural systems. Supports improved soil oxygenation, odour control, and enhanced biological activity.

## FERTILISER PERFORMANCE ADDITIVES

Performance additives designed to improve fertiliser manufacturing, granulation, storage stability, handling, dust control, and nutrient efficiency.

### Anti-Caking Additives

Specialty additives designed to reduce fertiliser caking during storage and transport, improving product stability, handling, and flow performance.

### Granulation Aids

Performance technologies developed to support granule formation, improve particle integrity, and enhance manufacturing efficiency during fertiliser production.

### Binder Systems

Specialty binder technologies designed to improve granule strength, reduce product breakdown, and support fertiliser manufacturing performance.

### Coating Technologies

Advanced coating systems designed to improve fertiliser stability, moisture resistance, nutrient release performance, and product handling characteristics.

### Dust Suppression Additives

Additive systems developed to reduce airborne dust generation during fertiliser production, handling, storage, and application processes.

### Nutrient Stabilizers

Performance additives developed to improve nutrient retention, reduce nutrient losses, and enhance fertiliser efficiency across agricultural systems.

### Urease Inhibitors

Specialty nitrogen stabilisation technologies designed to reduce ammonia volatilisation and improve nitrogen utilisation after fertiliser application.

### Nitrification Inhibitors

Advanced additive systems developed to slow nitrogen conversion processes, reducing leaching losses and improving nutrient efficiency in soil environments.

### Flow Aids

Processing additives designed to improve fertiliser flowability, reduce bridging and clumping, and support efficient product handling and storage.

Chemport ANZ partners with agricultural manufacturers, fertiliser blenders, and formulators to supply specialty raw materials, technical ingredients, and performance-driven agricultural solutions across Australia and New Zealand.

With a focus on strategic sourcing, formulation support, and supply flexibility, we help customers access reliable specialty technologies designed to improve manufacturing performance, nutrient efficiency, product stability, and crop outcomes. From packaged products through to bulk supply programs, our approach is built around long-term partnerships, technical capability, and practical commercial support for modern agricultural markets.



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[www.chemport.com.au](http://www.chemport.com.au) • Level 9, Tower A, 821 Pacific Highway, Chatswood NSW 2067  
Australia • **Main** : +61 2 9188 9303 • **Email** : [sales@chemport.com.au](mailto:sales@chemport.com.au)  
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