


Polysulphate[®]



Standard grade for fertilizer production



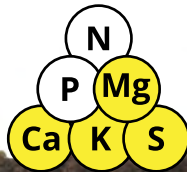
Polysulphate - adding value to down stream products



Ask our experts to
assist in adapting
your down stream
product formulations
with Polysulphate



Traditional NPK



NPK + Polysulphate

- Better value with extra nutrients in the formula
- Extra S, Mg and Ca nutrients in the formula
- No filler is needed
- Cost effective
- Higher yields with better quality performance

Multi-nutrient advantages

the new, versatile, multi-nutrient and easy alternative for your down stream products



46.5% SO₃
(18.6% S)



13% K₂O
(10.8% K)



5.6% MgO
(3.4% Mg)

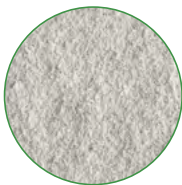


16.5% CaO
(11.8% Ca)

Polysulphate is a multi-nutrient fertilizer containing four fully soluble and available plant nutrients: sulphur (S), potassium (K), magnesium (Mg) and calcium (Ca). These essential nutrients can be incorporated into any finished fertilizer product or range.

In modern agriculture, there is a growing need for NPK fertilizers as well as other key nutrients. Existing NPK fertilizers can be extended with the addition of S, K, Mg and Ca found in Polysulphate.

Polysulphate provides added value by replacing any fertilizer filler with valuable plant nutrients. Use Polysulphate as a raw material in your fertilizers to better meet the needs of crops, perfectly match soil types and suit climatic conditions.



Standard grade



Ideal natural source
for all crops



Fully soluble with all
nutrients available
for plant uptake

Versatile combinations

- Ideal for NK and NPK granulation to produce NK's and NPK's enriched with sulphur, magnesium and calcium.
- Perfect combination with potash (MOP) for an enhanced potassium fertilizer plus secondary nutrients.
- Excellent in combination with lime, as an Improved soil amendment with extra nutrients.

High effectiveness

- Provides 4 key crop-boosting nutrients in one: sulphur, potassium, magnesium and calcium.
- Excellent source of sulphate, which can be combined with nitrogen to ensure optimum availability of S with N.
- Supplies crops with extended sulphur availability due to its unique prolonged release pattern.
- Suits chloride-sensitive crops due to low chloride content.
- Increases crop output as key nutrient needs, including calcium, are met.



Ideal for chloride-sensitive crops



Increases yields



Approved for organic agriculture

Unique properties

- Polysulphate helps granulation and increases output due to the presence of calcium and sulphate in the product.
- Polysulphate is a harmless, unreactive raw material and is not included in the category of “dangerous goods or harmful substances”.
- Polysulphate is pH neutral; therefore no ammonia is released when included with ammonium products, unlike those that include MgO.
- Good environmental credentials – low carbon footprint, organic fertilizer.
- EU registered fertilizer. No additional regulatory requirements.

Easy-to-use Polysulphate

- Compatible with all main raw materials: ammonium nitrate, urea, superphosphates, MOP, SOP – both in handling and storage.
- Polysulphate provides an alternative source and supply for the nutrients contained in SOP and kieserite.



Completely natural
without any added
chemicals




Low carbon
footprint

Mined in the UK, ICL is the first - and only - producer in the world to mine polyhalite, marketed as Polysulphate®.

Polysulphate 

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 fertilizers.sales@icl-group.com

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www.polysulphate.com

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Premium plant nutrition from ICL Fertilizers