



POLYSULPHATE VIRENTIS

4-in-1 fertilizer

S	K	Mg	Ca
19% S	13% K ₂ O	3.4% Mg	12% Ca

Main Features

a highly efficient multi-nutrient source

- **Balanced nutrients** — Natural multi-nutrient mineral; composed of polyhalite containing potassium, magnesium and calcium in sulphate form
- **Safe** — low chloride, very low salt index, neutral pH and no liming effect
- **Extended Release** — Unique and gradual release pattern compared to other conventional fertilizers
- **Nourishes soil** — Helps improve nutrient use efficiency, soil structure, root development, and seed emergence
- **Naturally mined** — Naturally-mined mineral with low carbon footprint

Key Advantages

a flexible crop nutrition solution

- **Versatile** — Ideal for usage in greenhouse production and turfgrass, or application methods benefiting from small granule sizing
- **Flexible Application** — Excellent spreadability when applied broadcast, or banded for precision application
- **High Blendability** — Well suited for blending with most small SGN conventional fertilizers
- **Uniform** — High uniformity and density, with low hygroscopicity
- **Superior Distribution** — Every Polysulphate Virentis granule contains 4 essential nutrients for uniform coverage

POLYSULPHATE[®]
VIRENTIS

ICL is the first – and only – producer in the world to mine polyhalite, marketed as Polysulphate.

www.icl-growingsolutions.ca



POLYSULPHATE[®] VIRENTIS

Polysulphate VirentiS

(0-0-13-19S-12Ca-3.4Mg)

PRODUCT	GRADE
Polysulphate VirentiS	Granular

Chemical Analysis	Expressed As	Typical	Guaranteed
Potassium	Water soluble K ₂ O	13.8%	13.5%
Sulfur	S	19.2%	19.0%
Magnesium	Mg	3.6%	3.4%
Calcium	Ca	12.2%	12.0%
Chlorides	Cl		4.0% max.
Moisture	H ₂ O	0.4%	1.0% max.

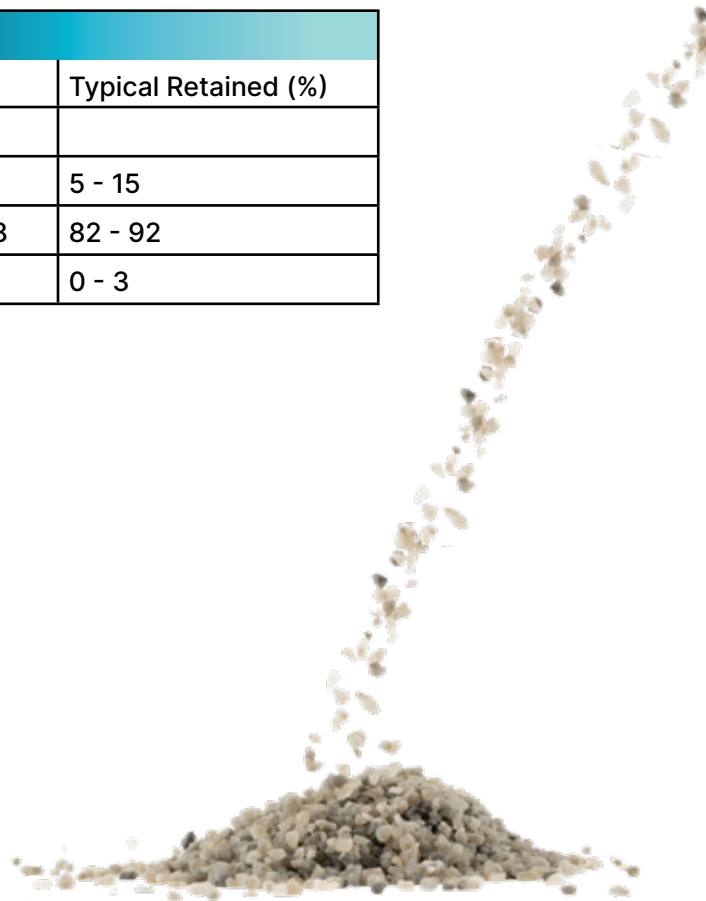
Particle Size Distribution			
Mesh Size			Typical Retained (%)
mm	Tyler	US	
> 2.00	> 9	> 10	5 - 15
1.00 - 2.00	9 - 16	10 - 18	82 - 92
< 1.00	< 16	< 18	0 - 3

Reagent Addition	
Coating agent	Added

Physical & Chemical Properties	
Bulk Density	1.6T/m ³
pH	Neutral

All laboratory analyses are determined according to Regulation (EU) 2019/1009 on EU Fertilising products.

Trace element analysis is available on request.



For more information visit
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or contact our agronomy experts at:
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