



**PRODUCT INFO
& DATASHEET**

TECHNICAL DATASHEET & CERTIFICATE OF ANALYSIS

SICO-GRANUMOP min. 60% K₂O
Granular Muriate of Potash (Potassium Chloride)
Agricultural grade - Origin: Chili

12/2022

CAS No: 7747-40-7 (contains an Anticaking Agent)

GENERAL DESCRIPTION

CHEMICAL FORMULA KCl
 APPEARANCE white granules

CHEMICAL SPECIFICATIONS

GUARANTEED

POTASSIUM K₂O % min. 60
 PURITY KCl % min. 95

CHEMICAL SPECIFICATIONS

TYPICAL

POTASSIUM K₂O % 60.0 – 60.5
 PURITY KCl % 95.1 – 95.9
 CHLORIDE Cl % 45 – 48
 SULFATE SO₄ % 0.5 – 3.0
 MAGNESIUM as MgO % 0.01 – 0.25
 CALCIUM as CaO % 0.2 – 1.3
 MOISTURE H₂O % 0.1 – 0.2



TYPICAL SIEVE ANALYSIS (CUMULATIVE %)

US Standard Sieve	Tyler	Opening mm	Unit	Range	Guarantee
+4	+4	4.7	%	0.0 – 0.5	60% min.
+5	+5	4.0	%	4 – 12	95% min.
+10	+9	2.0	%	92 – 95	
-18	-16	< 1.0	%	0 – 1	

Note : Measured at shipment site. Particle size can be affected by handling and transportation.

PHYSICAL PROPERTIES

SGN 290 – 310
 UI 49 – 52
 DENSITY (bulk) loose pour / free fall 1.0 ton (metric)/m³
 tapped 1.1 ton (metric)/m³
 ANGLE OF REPOSE 37°

SHELF LIFE

Stored under perfect conditions, potassium chloride has a very long shelf life (as a matter of fact the shelf life is indefinite). From a chemical point of view, it is a very stable product. To maintain its physical properties, it is advisable to store the product in dry and well ventilated conditions and to consume it within 6 months after receipt. Since SICO has no control over the storage facilities of its customers, Our company can only guarantee a shelf life over certain period of time.

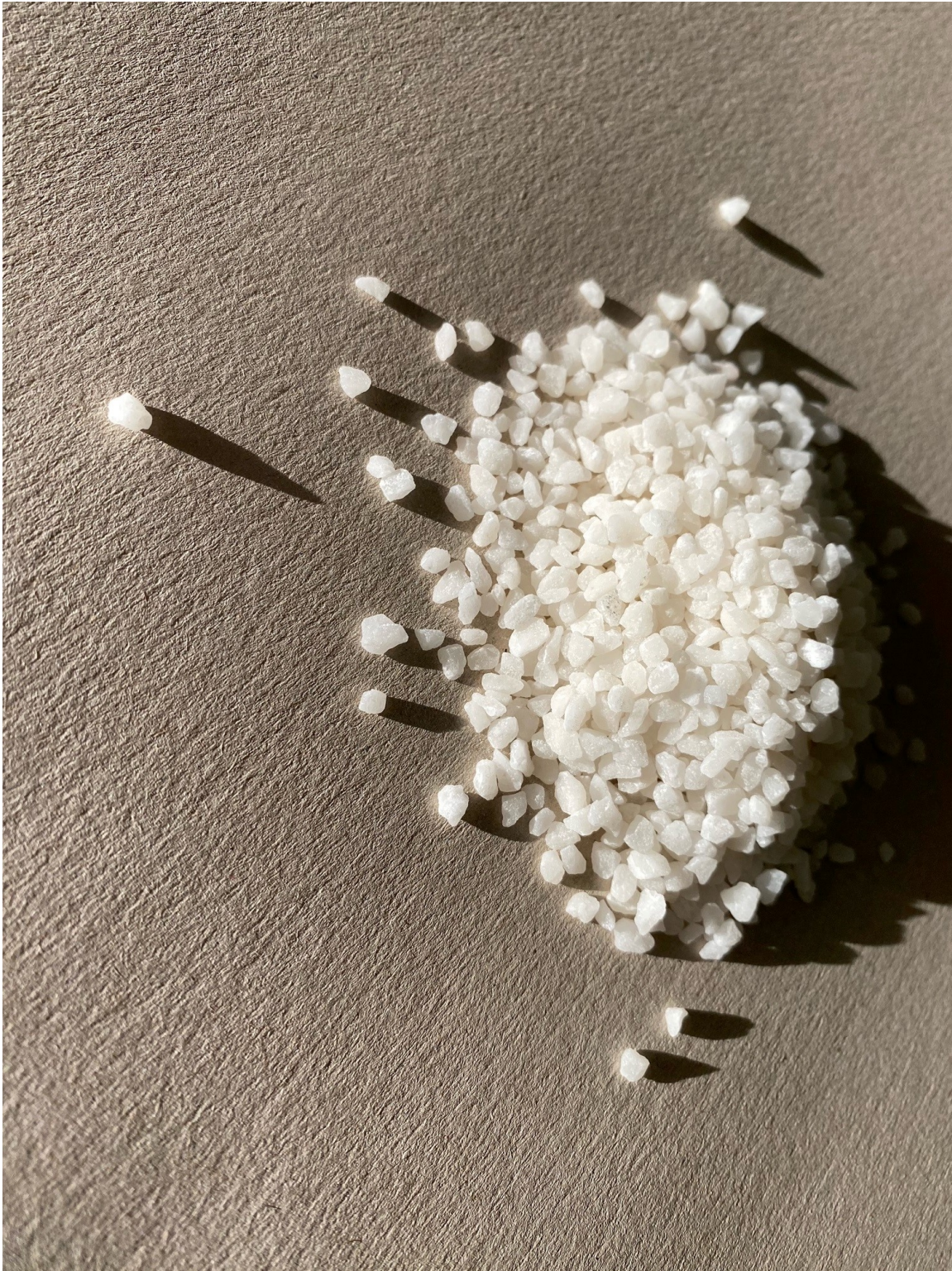
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