

Product Data Sheet

General Description :

EVER GRAN™ Potassium Sulfate (K_2SO_4) is a white, high purity Granules with 50 weight percent K_2O .

It has the following features:

- Granules fertilizer, acidic and soluble in water.
- Has a very low salt index making it the preferred potash fertilizer source in areas at risk from soil salinity.



Product Specification

General	
Chemical Formula	K_2SO_4
Appearance	White to Gray Granules
Internal Code	EVER GRAN

Physical Analysis.				
Item	Unit	Specs	Test Method	Ref.
Moisture Content	%	Max 0.5	Moisture Meter	AOAC950.01
Insoluble Matter	%	Max 2.5	Gravimetric	Internal
Bulk Density	gm./cm ³	1.04-1.15	by weight	Internal
Hardness	Kg/gran.	2.5	Internal	Internal



Chemical Analysis.				
Item	Unit	Specs	Test Method	Ref.
Potassium as K_2O	%	Min 50	Flam Photometric	AOAC971.01
Sulfur (S)	%	Min 17	ICP	USEPA6010
Chloride (Cl)	%	Max 2.5	Volumetric	Volhard test method
pH (1 g/ 100 ml H_2O)	--	2 - 3	pH meter	Internal
Acidity as H_2SO_4	--	Max 5.5	Volumetric	Acid-Base titration

Screen Analysis.					
Item		Unit	Specs	Test Method	Ref.
Particle Size	(+5) mm +(-2)mm	%	Max 5	Sieve analysis	Internal
	(-5) mm +(2)mm	%	Min 95		

Applications :

EVER GRAN™ Potassium Sulfate (K_2SO_4) can

- Applies to fruit trees orchards before planting or during winter service, or as split application in alluvial and reclaimed soils to feed all kinds of crops, especially during fruit stage to increase fruit size and improving taste, firmness and shelf- life.
- As a granulated fertilizer; it has a special advantage that its particles doesn't remain on the leaves and doesn't burn it when spreading by machines.
- Takes a long time to be completely dissolved in soil that make potassium more available for plant for a long time and increases the efficiency of applied fertilizer.
- Rich in Sulfur, which increases the availability of phosphorus and microelement in soil.



Safety And Handling

EVER GRAN™ Potassium Sulfate (K_2SO_4) when in solution is a slightly acidic salt solution. Protective clothing, rubber gloves and eye protections are recommended. Rubber safety boots should also be worn in work areas. This product should be handled in areas with proper ventilation. Before using this product, refer to the MSDS (available on the Company's website) for complete safety and handling guidelines.