

Product Data Sheet

General Description :

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

It has the following features:

- Powder 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 Powder
Internal Code	EVER STAND

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

Physical Analysis.				
Item	Unit	Specs	Test Method	Ref.
Moisture Content	%	Max 0.3	Moisture Meter	AOAC950.01
Insoluble Matter	%	Max 2.5	Gravimetric	Internal
Bulk Density	gm./cm ³	1.4-1.6	by weight	Internal

Screen Analysis.					
	Item	Unit	Specs	Test Method	Ref.
Particle Size	> 2.0 mm	%	Max 1	Sieve analysis	Internal
	> 1.0 mm	%	Max 5		
	> 0.5 mm	%	Max 30		
	> 0.1 mm	%	Min 70		

Applications :

EVER STAND™ Potassium Sulfate (K_2SO_4) is Suitable to be used for fruit trees orchards before planting or during winter service to feed all kinds of crops especially during fruit stage to increase fruit size and improving taste, firmness and shelf- life. Standard formula takes longer time to be completely dissolved in soil compared to soluble- SOP, which make potassium more available for plant for long time and increases K-use efficiency. Enhances tolerant of plants against environmental and biotic stresses. Rich in Sulfur, which is an important element for some oil crops such as onion and garlic and increases the availability of phosphorus and microelement to be used in soil.



Safety And Handling :

EVER STAND™ 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.