

TECHNICAL DATA SHEET

PHYSICO-CHEMICAL CHARACTERISTICS

Composition	: Potassium thiosulphate in solution as essential component
Formula	: $K_2S_2O_3$
Appearance	: Clear liquid in solution
Density (20°C)	: 1.46-1.49 kg/dm ³
pH (20°C, as it is)	: 7.5-8.5
Crystallisation temperature	: 0°C approx.
Compatibility	: It mixes easily with most liquid fertilisers and liquid micronutrients fertilisers. It can be applied together with many of herbicides. Blending with strong acids and anhydrous ammonia should be avoided.
Water miscibility	: 100%

QUALITATIVE CHARACTERISTICS

MINERAL FERTILIZER – PFC1(C)(I)(b)(i)
NPK(S) 0-0-25(42) / 0-0-20.75(16.8)

	<u>Assay</u>	<u>Tolerance</u>
	% w/w	% w/w
Composition		
Potassium oxide (K ₂ O) water soluble	25.0	±1
Sulphur trioxide (SO ₃) water soluble	42.0 (=16.8 S)	-1/+2 (-0.4/+0.8)
Poor in chloride (Cl)	<0.01	Not applicable

The product complies with Regulation EU 2019/1009 (fertilising products).

The values are intended as determined according to our standard analysis methods.

STANDARD PACKAGING

300 kg net polyethylene drums, 1300 and 1450 kg net IBC
Rail and road tankers, according to transport regulations

STORAGE AND HANDLING

Being non-corrosive, the product can be stored in mild steel or aluminium containers, as well as in any type of storage used for fluid fertilisers. As with all other fertilizer solutions, it should not be allowed to contact with tin, copper, brass or other alloys.

AGRICULTURAL USES

THIOFERT K is high analysis potassium and sulphur fertiliser; it may be applied alone or blended with fluid formulations to increase the S and K content.

Excellent source of potassium for chloride sensitive crops.

Source of potassium and sulphur for drip irrigation, it does not plug drip line.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

THIS TECHNICAL DATA SHEET, IDENTIFIED AS **THIOFK1 (1222) E**