

## TECHNICAL DATA SHEET

### PHYSICO-CHEMICAL CHARACTERISTICS

Composition	: Ammonium thiosulphate in solution as essential component
Formula	: $(\text{NH}_4)_2\text{S}_2\text{O}_3$
Appearance	: Clear colourless or pale yellow liquid
Density (20 °C)	: 1.33 kg/dm <sup>3</sup> approx.
pH (20 °C, as it is)	: 8.5 approx.
Crystallisation temperature	: 0 °C approx.
Compatibility	: It mixes easily with most liquid fertilisers and liquid micronutrients fertilisers. It can be applied alongside many herbicides.
Water miscibility	: 100%

### QUALITATIVE CHARACTERISTICS

#### STRAIGHT INORGANIC FLUID FERTILIZER

Ammonium thiosulphate solution	<u>Assay</u>	<u>Tolerance</u>
Composition	% w/w	% w/w
Ammoniacal nitrogen (N)	12.0	- 0.4
Sulphur trioxide (SO <sub>3</sub> ) from thiosulphate	61.0	- 0.9
Sulphur trioxide (SO <sub>3</sub> ) soluble in water	65.0	- 0.9

The product is tested using our standard analytical methods.

### STANDARD PACKAGING

200L polyethylene drums and 1000L intermediate bulk containers (IBCs)  
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 nitrogen solutions, it should not be allowed to contact with tin, copper, brass or other alloys.

Shelf life: Nominally 12 months  
Storage Conditions: In a cool, dry warehouse out of direct sunlight (0-40 °C)

### AGRICULTURAL USES

SECOFIT TS is high analysis sulphur fertiliser ideal for S crop nutrition; it may be applied alone or blended with fluid formulations to increase the S and N content.

It can be used for the treatment and reclamation of saline and alkali soils.

The addition of SECOFIT TS to urea-ammonium nitrate solutions increases the efficiency of N applied slowing gaseous losses of ammonia and leaching of nitrates.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

Product: SECOFIT TS

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