

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)	: 1.32-1.34 kg/dm ³
pH (20°C, as it is)	: 8.0-8.8
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

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 ₃) from thiosulphate	61.0	- 0.9
Sulphur trioxide (SO ₃) soluble in water	65.0	- 0.9

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

STANDARD PACKAGING

275 kg net polyethylene drums, 1300 and 1330 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 nitrogen solutions, it should not be allowed to contact with tin, copper, brass or other alloys.

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.

THIS TECHNICAL DATA SHEET, IDENTIFIED AS **SECOTS1 (0722) E3**