



**PRODUCT INFO  
& DATASHEET**

Liquid Fertiliser

## **SICOTHIO + 36K**

*High performance liquid fertiliser Potassium Thiosulphate (KTS) solution,  
containing 25% K<sub>2</sub>O +17% S  
- Made in Turkey -*

02/2024

### **1. PRODUCT SPECIFICATIONS**

K <sub>2</sub> O	(w/w)	: 25 %
S	(w/w)	: 17 %
pH		: 6.0 – 8.5
Density	(at 25 °C)	: 1.45 – 1.49

### **2. TYPICAL PROPERTIES / ADDITIONAL INFORMATION**

Appearance / Color	: Clear and Colorless	<b>Heavy Metals :</b>	
Density (at 25 deg C)	: 1.47	Cd (Cadmium)	< 1 ppm
SO <sub>3</sub> (w/w)	: 42.4 %	Cr (Chromium)	< 1 ppm
K <sub>2</sub> O (w/v)	: 36.8 %	As (Arsenic)	< 1 ppm
S (w/v)	: 25 %	Pb (Lead)	< 1 ppm
SO <sub>3</sub> (w/v)	: 62.4 %	Hg (Mercury)	< 0.1 ppm
K <sub>2</sub> O (gram/liter)	: 368		
S (gram/liter)	: 250		
SO <sub>3</sub> (gram/liter)	: 624		
Chemical formula	: K <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		
Salt-out temperature	: -14 °C		
Odor	: Odorless or slight SO <sub>2</sub> odor		
Perchlorate	: Below detection limit (<0.01 mg/kg)		

### **3. SHELF LIFE** (see definition)

2 years from manufacture, if stored properly.

#### Shelf Life definition:

Shelf life is defined as the period of time, from date-of-manufacture, that in-spec material, transported and stored under proper conditions, in moderate temperatures, and not subjected to any contamination, can be expected to meet the generic product specifications, subject to the other information in this document.

### **4. STORAGE**

Recommended storage conditions > -10 Deg C and < 49 Deg C

Store in sealed packaging that ensures safety of the product, in indoor ventilated areas. Store away from acidic substances, strong acids, alkali, metals. Keep away from open flame and sources of heat. Avoid direct sunlight.

### **5. WARRANTY**

The information contained herein is based on data which is believed to be accurate. However, no warranty of merchantability, fitness for use, or any other warranty is expressed or is to be implied concerning the accuracy of these data, the results to be obtained from the use of the material, or the hazards connected with such use. This information is furnished on the condition that the person receiving it shall make his own determination as to the suitability of the material for his particular purpose and on the condition that he assumes the risk for his use thereof.

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