



**PRODUCT INFO  
& DATASHEET**

# **SICO-ZINC**

## **ZINC SULPHATE MONOHYDRATE**

*white powder (35P) or white granule (33G or 35G)*  
- Origin: China - (IMO 9 – UN 3077)

### **1/ STANDARD AND DIRECTIVE REFERENCES**

GB/T 25865-2010 (feed grade), HG/T 2326-2005 (Zinc sulphate for industrial use), AFIA, AAFCO, ANAC, AAFC, 2202/32/EC, 2005/87/EC, 2006/13/EC, CLP regulation, GB10648-1999.

### **2/ SPECIFICATIONS**

	<b><u>SICO-ZINC 35P Powder</u></b>	<b><u>SICO-ZINC 33G Granular</u></b>	<b><u>SICO-ZINC 35G Granular</u></b>
Zinc (Zn)	35 – 35.5% (guaranteed 35%)	33%	35%
Lead (Pb)	max. 10 ppm	max. 10 ppm	max. 10 ppm
Arsenic (As)	max. 5 ppm	max. 5 ppm	max. 5 ppm
Cadmium (Cd)	max. 10 ppm	max. 10 ppm	max. 10 ppm
Mercury (Hg)	max. 0.5 ppm	max. 0.5 ppm	max. 0.5 ppm

### **3/ PHYSICAL PROPERTIES**

Appearance	white powder or granular
Particle sizes	1) Powder: typically 100% passing through 0.425 mm sieve 2) Fine granular: 0.25 mm - 0.85 mm 3) Coarse granular: 1-2mm or 2-4 mm (free flowing, dust free)
Bulk density	1400 kg/m <sup>3</sup>
Solubility in water	99.95%

### **4/ APPLICATIONS**

Is mainly used as zinc supplement in animal feeds and fertilisers for plant nutrition and for industrial use.

### **5/ OTHER INFORMATION**

Synonyms	Sulfuric acid, zinc salt, monohydrate, zinc vitriol monohydrate
Formula	ZnSO <sub>4</sub> + H <sub>2</sub> O
Molecular weight	179.445
Properties	white powder or granule, soluble in water, slightly soluble in alcohol, insoluble in acetone
CAS no.	7446-19-7 (monohydrate) / 7733-02-0 (anhydrous)
EINECS no.	231-793-3
H.S. code	2833 26(00)

### **6/ PACKING**

Standard packing	25 kgs net coated woven polypropylene UN approved bags with inner liner, 27 MT/20ft container (loose bags) – wooden pallets meet ISPM 15 regulations – pallets are stretched wrapped
Optional packings	50 kg, 50 lb, 2000 lb, 1000 kg, 1100 kg, etc.

### **7/ SAFETY AND STORAGE CONDITIONS & SHELF LIFE**

Store under clean, dry conditions away from direct sunlight. Shelf life: min. 2 years.



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