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Technical Data Sheet
ZINC SULPHATE MONOHYDRATE

Product Identification

Product Name : ZINC SULPHATE MONOHYDRATE
Chemical Name : Zinc Sulfate Monohydrate / Zinc Sulphate Monohydrate
Synonyms : Zinc Sulfate Monohydrate, Zinc Sulphate Monohydrate, Zinc Sulfate 1-Hydrate, Zinc Vitriol Monohydrate, White Vitriol Monohydrate, Zinc Sulphate Fertilizer Grade, Zinc Sulphate Feed Grade, Zinc Sulphate Technical Grade, Zinc Sulphate Industrial Grade, Dried zinc sulphate
CAS No : 7446-19-7

Product Description

Zinc Sulphate Monohydrate is a high-purity, water-soluble zinc compound widely used as a micronutrient in agriculture, animal feed, and industrial applications. It effectively corrects zinc deficiency, promoting healthy plant growth and improved crop yields. The product offers excellent stability, consistent quality, and rapid dissolution for efficient performance. It is available in various grades and packaging options to meet diverse customer requirements.

Specifications

Sr No.	Parameters	Specification
01	Appearance	White Off-White Powder /Snow White Powder
02	Screen Analysis	Uniform (60 mesh)
03	Solubility	Freely soluble in water; insoluble in alcohol
04	Zinc, Zn	20- 36%
05	pH	3.0 - 6.0
06	Cadmium	Below 10 ppm
07	Arsenic	Below 10 ppm
08	Lead, Pb	Below 10 ppm
09	Mercury, Hg	Below 10 ppm

Industrial Applications

- Fertilizer and micronutrient manufacturing
- Animal feed and mineral premix production
- Chemical manufacturing

6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall, Navrangpura, Ahmedabad-380 009
Phone: +91 79 2640 6891, 2644 6891, 2646 6891 * +91 942 659 6891 /+91 982 500 0547
Email: sales@bttcogroup.com Website: www.bttcogroup.com

- Textile processing and dyeing
- Electroplating and metal surface treatment
- Water treatment applications
- Pharmaceutical and laboratory chemicals
- Rayon and viscose fiber production
- Flotation reagent in mining industry
- Pigment and specialty chemical manufacturing

Storage & Handling:

- Store in a cool, dry, and well-ventilated area away from moisture and direct sunlight. Keep the container tightly closed when not in use. Protect from water and incompatible materials such as strong alkalis. Wear appropriate personal protective equipment during handling and avoid generating dust.

Packing:

- 50 kg Plastic bags with inner liner
- 25 Kg Plastic bags with inner liner