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Technical Data Sheet
ZINC SULPHATE HEPTAHYDRATE

Product Identification

Product Name : ZINC SULPHATE HEPTAHYDRATE
Chemical Name : Zinc Sulphate Heptahydrate
Synonyms : ZnSO4.7H2O, "white vitriol", Bonazen, "zinc vitriol", "sulfuric acid, zinc salt dried", "zinc sulfate (CAS RN: 7733-02-0)", "sulphuric acid, zinc salt (1:1), monohydrate ZnSO4.H2O", "zinc sulfate heptahydrate (CAS RN: 7446-20-0)", "zinc sulfate hexahydrate (CAS RN:", 13986-24-8),
CAS No : 7446-20-0

Product Description

Zinc Sulphate Heptahydrate is a white, free-flowing crystalline inorganic compound with excellent water solubility. It is a reliable source of zinc used in industrial, agricultural, and chemical applications. The product is manufactured under strict quality control to ensure consistent purity and performance. It is supplied in securely packed bags to maintain quality during storage and transportation.

Specifications

Sr No.	Parameters	Specification
01	Appearance	Super White Crystalline Powder
02	Screen Analysis	Uniform (20 mesh)
03	Solubility	Miscible
04	Zinc, Zn	21%
05	Cadmium	Below 100 ppm
06	Arsenic	Below 25 ppm
07	Lead, Pb	Below 100 ppm
08	Mercury, Hg	Below 10 ppm
09	Iron	Below 30 ppm
10	pH	3.0 - 6.0

Industrial Applications

- Manufacturing of fertilizers and micronutrient formulations.
- Raw material for animal feed and veterinary mineral supplements.

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

- Used in electroplating, metal treatment, and galvanizing processes.
- Production of rayon, pigments, dyes, and other zinc-based chemicals.
- Water treatment and wastewater purification applications.
- Chemical reagent for laboratories and industrial processing.
- Textile, leather, and paper processing industries.
- General industrial applications requiring a high-purity source of zinc

Storage & Handling:

- Store in a cool, dry, and well-ventilated area.
- Protect from moisture, direct sunlight, and excessive heat.
- Keep containers tightly closed when not in use.
- Use appropriate PPE (gloves, safety goggles, and dust mask).
- Avoid generating dust during handling.
- Keep away from strong alkalis and oxidizing agents.

Packing:

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