



## ZINC SULFATE HEPTAHYDRATE AGRO - INDUSTRIAL GRADE

### DESCRIPTION

*Zinc Sulfate Heptahydrate is a colorless crystalline, water-soluble chemical compound heavily used in agriculture, mining and other industries.*



### CHARACTERISTICS

**Molecular Formula:**  $ZnSO_4 \cdot 7H_2O$

**Synonyms:** White vitrol, zinc vitrol

**Physical State:** Fine white crystals

**Solubility:** 100% soluble in water (540g/l at 20°)

**Odor:** Odorless

### APPLICATIONS

#### Mining:

*Mineral separator in the flotation process of polymetallic mines.*

#### Industrial:

*In the production of Ryon fiber, paint, varnishes and glues. Also used in electrolyte for zinc plating and as a mordant in dyeing. Preservative for skins and leather.*

#### Agricultural:

*As a fungicide and as a micronutrient in fertilizers to prevent and correct zinc deficiencies through fertigation, foliar application on crops, and directly on soil for long term supply of zinc. Suitable for all kind of crops such as cereals, pulses, oilseeds, cotton, sugarcane, vegetables, fruits, potatoes, etc. Very effective moss remover on flooring and roofs.*

### CHEMICAL PROPERTIES

| CONTENT           | PERCENTAGE   |
|-------------------|--------------|
| Purity            | 98% min      |
| Zn                | 21.5% ± 0.5% |
| S                 | 11% ± 0.5%   |
| pH in 5% solution | 3.0          |
| Heavy Metals      | 49 ppm max   |

### PACKAGING

- Bags x 25Kg and 50 Lbs. PP exterior, Laminated and with PE interior liner, Thermo-sealed to avoid humidity.
- Bigbags x 1000Kg, 1200Kg, 1300Kg, upon request. Double liner in Bigbags for double protection.
- Fumigated, HT pallets approved for export.
- Customized labels upon request.

# NitroFarm SA

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