

Ferromel 30

Iron (II) sulphate monohydrate fine free flowing granules

Fe(II) SO₄.H₂O



Iron sulphate is the main iron source in **animal feed**. It is used in **agrochemicals** as a fertilizer or as **cement additive** to prevent dermatitis or cement eczema by reducing chromium (VI).

Chemical analysis

| | |
|------------------|----------------|
| Fe ²⁺ | 29-30% |
| Pb | < 10 ppm |
| Mg | < 2 % |
| Ti | < 1% |
| Mn | < 0.5% |
| Dioxins | < 1 pg/g i-TEQ |

| | |
|------------------------------|------------------|
| Free moisture | < 1 % |
| Cu | < 20 ppm |
| As | < 10 ppm |
| Cd | < 1 ppm |
| Hg | < 0.5 ppm |
| Dioxins and dioxin-like PCBs | < 1.5 pg/g i-TEQ |

| | |
|----------------------|------------|
| Cr | < 30 ppm |
| Ni | < 100 ppm |
| F | < 150 ppm |
| Zn | < 100 ppm |
| Non dioxin-like PCBs | < 10 µg/kg |

Properties

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|--------------|------------------------------------|-----------|----------------|----------|
| Appearance | Greyish fine free-flowing granules | | | |
| Purity | >92% | | | |
| Bulk density | 1.2 - 1.5 t/m ³ | | | |
| Granulometry | > 1 mm | 0.5 % max | 0,25 – 0.5 mm | 60 % max |
| | 0.71 - 1 mm | 12 % max | 0.09 – 0.25 mm | 25 % max |
| | 0.5 - 0,71 mm | 30 % max | < 0.09 mm | 1 % max |

Applications

| | |
|---------------|---|
| Animal feed | <p>Additive : Compounds of trace elements (code 3b103) - Regulation (EC) N°1831/2003.</p> <p>Iron sulphate is the main iron source in animal feed. As a component of hemoglobin, iron has a main function in oxygen transport. The additive shall be incorporated into feed in the form of a premixture and shall not be used in water for drinking.</p> |
| | <ul style="list-style-type: none"> • Ovine: 500 (total) mg Fe/kg of the complete feed • Bovines and poultry: 450 (total) mg Fe/kg of the complete feed • Pet animals: 600 (total) mg Fe/kg of the complete feed • Pigs : <ul style="list-style-type: none"> - piglets up to one week before weaning: 250 mg Fe/day - other pigs: 750 (total) mg Fe/kg of the complete feed • Other species: 750 (total) mg Fe/kg of the complete feed |
| Agrochemicals | PFC1-C.II.a, Straight inorganic micronutrient fertiliser – iron sulphate CMC-1, Virgin material substances and mixtures |
| Cement | Cement additive to avoid dermatitis or cement eczema by reducing chromium(VI). |

Other informations

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|---------------------|---|
| Packaging | In bulk, in 1050 kg or 1200 kg big bags, paper bags of 25 kg. |
| Storage / Transport | Stable for 18 months minimum when stored dry at temperatures below 30 °C. Transport in clean trucks. For feed products: Conform GMP+ B4 Transport |

