

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%	Free moisture	< 1%		
Pb	< 10 ppm	Cu	< 20 ppm	Cr	< 30 ppm
Mg	< 2 %	As	< 10 ppm	Ni	< 100 ppm
Ti	< 1 %	Cd	< 1 ppm	F	< 150 ppm
Mn	< 0.5 %	Hg	< 0.5 ppm	Zn	< 100 ppm
Dioxins	< 1 pg/g i-TEQ	Dioxins and dioxin-like PCBs	< 1.5 pg/g i-TEQ	Non-dioxin-like PCBs	< 10µg/kg

Properties

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 - 1mm	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. 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

Packaging	In bulk, in 1050 kg or 1200 kg big bags, in multiple coated 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

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