

# Ferromel 30

Iron (II) sulphate monohydrate fine free flowing granules

Fe(II) SO<sub>4</sub>.H<sub>2</sub>O



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 <sup>2+</sup>	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	< 10µg/kg

## ▪ Properties

Appearance	Greyish fine free-flowing granules			
Purity	>92%			
Bulk density	1.2 - 1.5 t/m <sup>3</sup>			
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.</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.</p> <p>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"> <li>Ovine: 500 (total) mg Fe/kg of the complete feed</li> <li>Bovines and poultry: 450 (total) mg Fe/kg of the complete feed</li> <li>Pet animals: 600 (total) mg Fe/kg of the complete feed</li> <li>Pigs : <ul style="list-style-type: none"> <li>piglets up to one week before weaning: 250 mg Fe/day</li> <li>other pigs: 750 (total) mg Fe/kg of the complete feed</li> <li>Other species: 750 (total) mg Fe/kg of the complete feed</li> </ul> </li> </ul>
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, 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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