

**IRON**

**SULPHATE**

**MONOHYDRATE**

ADDITIVE  
ANIMAL FEED

**NATURALFEED**



**Chemical name:**

**IRON SULPHATE  
MONOHYDRATE**

**CAS number:** 17375-41-6

**Chemical Formula:**  $\text{FeSO}_4\text{H}_2\text{O}$

**Additive identification number:** 3b103



## Description

Iron Sulphate is obtained by extracting the white pigment, producing a stable free flowing product and uniform production. Iron Sulphate Monohydrate with a richness in  $\text{Fe}^{2+}$  1' 30%. Low content in indigestible forms. Iron Sulphate Monohydrate is the most economical way to provide iron in feed for both monogastric animals and ruminants.



## Instructions for use

As an additive for the formulation of products intended for animal feed. In none of the cases is it expected to be consumed directly by the animals. In accordance with Directive 2002/32 / EC of the European Parliament and of the Council of 7 May 2002 on undesirable substances in animal feed, Regulation (EC) 2017/2330 about the authorization of additives and EC Regulation 1831/2003 on additives in animal feed.



GMP+ FSA assured



Very high percentage of water soluble iron.



Greater digestibility and availability.



Low heavy metal levels.



Food safety.



Suitable molecule size for optimal iron uptake



Greater fluidity of the product.

## Quality and food safety

From the environmental point of view, the process of extracting Iron Sulphate is totally respectful with the environment and does not generate chemical residues. Registered in the General Register of Establishments of the Animal Feed Sector, which guarantees the integrity of its process of manufacture and its conformity with the safety regulations in all the links of the food chain. Increasing the confidence of our customers.

## Handling and storage

Store in dry places and at non-elevated temperatures. Do not expose to the direct action of heat sources. Optimum date of use: 2 years from the date of bagging under normal storage conditions.

## Technical specifications product properties

Chemical composition	
	Value
Total Fe value	30%
H2SO4 free	↓ 2% [% p/p]
Moisture	↓ 2,5% [% p/p]
Metal content	Valeur maximum
As	↓ 30 ppm (12% moisture)
Cd	↓ 10 ppm (12% moisture)
Pb	↓ 100 ppm (12% moisture)
Physical properties	
Density	0,65-1 gr/ml
Granulometry	Powder - 90% ↓ 400 micras
Appearance	Solid greenish-gray powder
pH (10%)	aprox. 2,5
Dioxines <small>12% moisture</small>	
Dioxinas Total	↓ 1 ng WHOPCDD/F-TEQ/kg
Σ Dioxinas+PCBs "dioxin-like"	↓ 1,5 ng WHOPCDD/F-PCB TEQ/kg
PCBs "dioxine-like"	↓ 0,35 ng WHOPCB TEQ/kg
PCBs "non dioxine-like"	↓ 10 µg/kg
Format/Packaging:	
1100 kg Big Bag and 25 kg plastic sack	
Storage:	
Store in dry places where the temperature is no higher than 25°. Do not leave near to open heat sources.	
Minimum Durability:	
24 months from production, under normal storage conditions	
To apply:	
As an additive in the formula of products intended for animal feed. It is not intended at any stage to be consumed directly by the animals.	
Restrictions on use:	
Those determined for the end use of the product for which it is made..	
Environment / Health / Safety / Handling:	
See safety sheet.	