

IRON

SULPHATE

MONOHYDRATE

ADDITIVE
ANIMAL FEED



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 Fe^{2+} \uparrow 29% 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.





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 (α ESP 08 200120), 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%
Fe ²⁺ value	↑29%
H ₂ SO ₄ free	↓ 2% [% p/p]
Moisture	↓0,5% [% p/p]
Metal content	Valeur maximum
As	↓30 ppm (12% moisture)
Cd	↓10 ppm (12% moisture)
Pb	↓100 ppm (12% moisture)
Physical properties	
Density	1,082gr/ml
Granulometry	20 - 60 mesh
Appearance	Mini-granular grey-green solid
pH in 10%	2 - 4
Water-insoluble Max	↓ 0,01 %
Dioxines (12% moisture)	
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:	
1.200 kg Big Bag and bags 25 kg	
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.	