



Tricon Chemicals

IRON GLYCINATE

23/Apr/2023



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Introduction: Iron is responsible for oxygen binding in blood cells. It is also the main ion in many enzymes and plays a central role in anti oxidative processes. Lack of iron leads to exhaustion, reduced performance and insufficient generation of haemoglobin. Today, organically-bound trace elements such as glycinate are commonly used in animal feeds, since they show higher bioavailability. This results in increased animal performance and better animal vitality and productivity. Iron Glycinate can be dissolved directly in water and do not need to be dissolved beforehand.

Physical and Chemical Properties:

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|----------------------|-----------------------------|
| 1. Chemical name: | Iron Glycinate |
| 2. Chemical Formula: | $C_4H_8N_2O_4Fe$ |
| 3. Form: | free flowing, Micro-granule |
| 4. Appearance: | beige to brown |
| 5. pH: | 3-5 |
| 6. Odour: | Odourless |

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Dosage recommendations:

Maximum content of Iron in mg/Kg of the complete feed or in mg/day

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1. Ovines	500(total)
2. Bovines and Poultry	450(total)
3. Piglets upto one week before weaning	250mg/day (total)
4. Pet animals	600(total)
5. Other species	750(total)

Advantages:

1. Provides essential micronutrients required by all animals.
2. Highly efficient based on high degree of complexation.
3. Good solubility for optimal absorption.
4. Easy to handle and high bioavailability.

Applications:

1. Poultry
2. Dairy Cows
3. Ruminants
4. Aquaculture
5. Companion Animals

Packaging: 25Kgs HDPE containers

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