



Tricon Chemicals

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Copper Glycinate TDS

23/Apr/2023



COPPER GLYCINATE

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Introduction:

Copper is important for the connective tissue, which means that it plays an important role in the health of your animal's skin and cardiovascular health, but also in the process of egg shell production. Furthermore copper protects against oxidation and it is needed as a cofactor for various enzymes. 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. Copper Glycinate can be dissolved directly in water and do not need to be dissolved beforehand.

Physical and Chemical Properties:

1. **Chemical name:** Copper Glycinate
2. **Chemical Formula:** $C_4H_8N_2O_4Cu$
3. **Form:** free flowing, Micro-granule
4. **Appearance:** bluish
5. **pH:** 3-5
6. **Odour:** Odourless
7. **Flammability:** not flammable

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Dosage recommendations:

Maximum content of Zinc in mg/Kg of the complete feed

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1. Ovine		15(total)
2. Pigs	Piglets upto 12 weeks:	170(total)
	Other pigs:	25(total)
3. Bovine	bovine before the start of rumination:	
	a) Milk replacers:	15(total)
	b) Other complete feedingstuffs:	15(total)
	c) Other bovine:	35(total)
4. Fish		25(total)
5. Other species		25(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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