

ASCOR-C ORAL POWDER

(Ascorbic Acid)

SUMMARY OF PRODUCT CHARACTERISTICS

1 NAME OF THE VETERINARY MEDICINAL PRODUCT

ASCOR-C ORAL POWDER

2. QUALITATIVE AND QUANTITATIVE COMPOSITION

Each gram contains:

Ascorbic Acid.....1000 mg

3. PHARMACEUTICAL FORM

Oral Powder.

4. CLINICAL INFORMATION

4.1. Target species

Horse, Cattle, Sheep, Goat, Rabbits & Poultry.

4.2. Indications for use specifying the target species

- Treatment of vitamin C deficiencies.
- Supportive treatment for asthenia, especially during infectious episodes and stress.

4.3. Contraindications

Do not administer in case of known hypersensitivity to ascorbic acid.

4.4. Special warnings for each target species

No.

4.5. Special precautions for use

Special precautions for safe use in the target species:

This powder for oral solution is intended to be dissolved in milk, liquid feed, or drinking water and cannot be used as is.

Special precautions to be taken by the person administering the veterinary medicinal product to animals

No.

Other precautions

No.

4.6. Adverse effects (frequency and severity)

Unknown.

4.7. Use during pregnancy, lactation, or laying

In the absence of available teratogenic studies in animals, the use of vitamin C during pregnancy should only be considered if necessary.

4.8. Drug interactions and other forms of interactions

None known.

4.9. Dosage and route of administration

Poultry: 50 mg to 100 mg of ascorbic acid per kg of body weight per day for 3 to 5 days, orally, which is 0.5 to 1 g of powder for oral solution per liter of drinking water per day for 3 to 5 days.

Other species: 10 mg to 20 mg of ascorbic acid per kg of body weight per day for 3 to 5 days, orally, which is 0.1 to 0.2 g of powder for oral solution for 10 kg of body weight per day for 3 to 5 days.

The amount of medicated drinking water, milk, or liquid feed consumed by the animals depends on their physiological and clinical condition. To achieve the recommended dosage of ascorbic acid per kg of body weight, the amount of powder to be diluted in the liquid must be adjusted accordingly.

4.10. Overdose (symptoms, emergency actions, antidotes), If necessary

Not known.

4.11. Withdrawal Period.

Cattle, Sheep & Goat.

Meat and offal: zero days. Milk: zero days.

Rabbits Meat and offal: zero days. Horse: not applicable.

5. PHARMACOLOGICAL PROPERTIES

Pharmacotherapeutic group: Metabolism and digestive tract.
ATC-vet code: **QA11GA01.**

5.1. Pharmacodynamic properties

Ascorbic acid (vitamin C) is a vitamin with antioxidant properties. It particularly protects against the oxidation of vitamins (A, D, and E) and participates in cellular redox reactions as a hydrogen carrier. Ascorbic acid is involved in the metabolism of proteins, carbohydrates, and lipids. It plays a role in numerous physiological systems: action at the connective tissue level, on endocrine glands, on hematopoiesis, on the enzymes of the Krebs cycle, and on iron metabolism by increasing iron absorption and its uptake by red blood cells. Ascorbic acid also has detoxifying properties.

5.2. Pharmacokinetic Characteristics

After oral administration, ascorbic acid is readily absorbed by the gastrointestinal tract, particularly in the small intestine. It is found in high concentrations in the liver and adrenal glands, as well as in the muscles, brain, and pancreas. Ascorbic acid is metabolized in the kidneys and intestines into dehydroascorbic acid (the active circulating form that crosses cell membranes). It is primarily eliminated via the kidneys.

6. Major Incompatibilities

Not known.

6.1. Shelf Life

Shelf life of the veterinary medicinal product as packaged for sale: 2 years.

Shelf life after first opening the container: use within 28 days, do not store.

6.2. Special Storage Precautions

Store below 30°C, in a dry place.

Protect from light & moisture.

Keep out of reach of children.

To be used as directed by the registered veterinary practitioner only.

6.3. Nature and composition of the primary packaging

- For 100gm, 250gm, 500gm, 1kg: Metalized aluminum foil Pouch
- For 3 kg, 5kg: Polyethylene printed bag
- For 25kg: Printed bag

SPECIAL PRECAUTIONS FOR THE DISPOSAL OF WASTE MATERIALS UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS

Any unused veterinary medicinal products or waste materials derived from such medicinal products should be disposed of in accordance with local requirements and placed in appropriate collection and disposal systems for unused or expired medicinal products.

7. MARKETING AUTHORISATION HOLDER

Nawan Laboratories (Pvt.) Ltd.

Plots No. 136-138, Sector-15,

Korangi Industrial Area, Karachi-74900, Pakistan.

8. MARKETING AUTHORISATION NUMBER

Reg. No.: 128430

9. DATE OF FIRST AUTHORISATION

Date of Reg.: 03-07-2025

10. DATE OF REVISION OF THE TEXT

04-07-2025