

SODIUM ASCORBATE

SM-CEE

562.43 mg CAPSULE
VITAMIN

FORMULATION:

Each capsule contains:

Ascorbic Acid 500 mg
(equivalent to Sodium Ascorbate 562.43 mg)

PHARMACOKINETICS:

Ascorbic acid is readily absorbed from the gastrointestinal tract and is widely distributed in the body tissues. Plasma concentrations of ascorbic acid rise as the dose ingested is increased until a plateau is reached with doses of about 90 to 150 mg daily. Body stores of ascorbic acid in health are about 1.5g although more may be stored at intakes above 200mg daily. The concentration is higher in leucocytes and platelets than erythrocytes and plasma. In deficiency states the concentration in leucocytes declines later and at slower rate, and has been considered to be a better criterion for the evaluation of deficiency than the concentrations in plasma.

Ascorbic acid is reversibly oxidized to dehydroascorbic acid; some is metabolized to ascorbate-2-sulfate, which is inactive, and oxalic acid which are excreted in the urine. Ascorbic acid in excess of the body's needs is also rapidly eliminated unchanged in the urine; this generally occurs with intakes exceeding 200mg daily.

DOSAGE AND ADMINISTRATION:

For daily maintenance take 1 - 2 capsules. For cold symptoms take 3-4 capsules daily.

PRECAUTION:

Ascorbic acid should be given with care to patients with renal, urinary bladder or gallbladder stones.

INDICATION:

For the prevention and treatment of Vitamin C deficiency. Hastens wound healing and increases body resistance from infectious diseases. For healthy gums, teeth, bones and other connective tissues.

DRUG INTERACTION:

Ascorbic Acid is often given in addition to desferrioxamine to patient with iron overload to achieve better iron excretion. However, early on in treatment when there is excess tissue iron there is some evidence that ascorbic acid may worsen the iron toxicity particularly to the heart the ascorbic acid should not be given for the first month after starting desferrioxamine treatment.

STORAGE CONDITION:

Store at temperatures not exceeding 30°C.

AVAILABILITY:

Aluminum foil/ Red PVC/ Blister packs of 10's.

Box of 100's capsules

Reference : Martindale 36th Edition

Manufactured by:
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