

# Vitaforce

Antioxidant Vitamin tablet  
Sugar Free

## Composition :

**Vitaforce Tablet:** Vitaforce is a film-coated tablet which contains a combination of antioxidant vitamins. Each film coated vitaforce tablet contains Beta Carotene USP 6 mg Vitamin C BP 200 mg and Vitamin E BP 50 mg.

Uses: The active ingredients i.e. the antioxidants present in each Vitaforce tablet namely Beta Carotene, Vitamin C & Vitamin E have been linked with reduced risks of cardiovascular diseases in human. All of these three antioxidant vitamins have also been linked with reduced risks of cataract.

Supplementation with Vitamin E show to reduce the susceptibility of blood lipoproteins ( the proteins that carry cholesterol in the blood) to oxidation, which is the major causative factor in the formation of atheromata in the walls of blood vessels. Vitamin E also helps protect the immune of system and hence to combat infection and chronic diseases.

Vitamin E, may also be of value in reversing the age-related trend toward decreased competence of the immune system, as well as other agerelated degenerative changes.

Moreover, it was recently reported that high-does supplementation with vitamin C could correct the elevated sorbitol levels seen in diabetics, inhibiting the activity of the enzyme aldose reductase.

Vitamin C is the more powerful reducing agent known to be present in living tissues. It is a co-factor in numerous biological precesses. Vitamin C plays an Important part in the response of the body to stress. It is important in the defense against infection and studies have show that vitamin C is important for the normal functioning of T-lymphocytes and for the effective phagocytic activity of leukocytes. Vitamin C possesses some anti linflammatory activity and protects cells against oxidative damage to essential molecules. Its reductvive capacity is important in iron metabolism and it is necessary for the incorporation of iron into ferritin and catalyses the reduction of ferric iron to the ferrous form. Vitamin C increases iron absorpion.

The primary role of vitamin E is the prevention of oxidation of polyunsatureated fatty acides. Vitamin E reacts with free redicals which is the cause of oxidative damage to cell membranes, without the formation of another free radical in the process.

## Dosage & Administration :

Vitaforce tablet is administered orally. The adult dose of this combination of antioxidant vitamin tablet is 1 (one) tablet daily, or as prescribed by the physician.

## Contra-indication :

Although human body converts Beta Carotene to Vitamin A only when required, yet excessive doses of vitamin A should be avoided in pregnancy because of potential teratogenic effects. Patients with hypersensitivity to retinol should not take this preparation, although the possibility of such cases are occasional

Vitamin C in megadoses has been contra- indicated for patients with hyperoxaluria. A pregnant women taking more than 5 mg daily ascorbate may suffer fetal abortion. Higher doses of vitamin c have been reported to cause failure of conception.

In case of Vitamin E, there is no absolute contra-indication.

## Side- effects :

Vitamin C is usually well tolerated. Large doses are reported to cause diarrhea and other gastrointestinal disturbaces. It has also been stated that large doses may result in hyperoxaluria and the formation of renal calcium. Oxalate calculi and it should therefore be given with care to patients with hyperoxaluria.

Vitamin E is usually well tolerated. Large doses may cause diarrhoes, abdominal pain, and other gastro-intestinal disturbance, and have also been reported to cause fatigue and weakness.

## Precaution and warning:

Since the body converts carotene to retinol only in amounts as required, so there is no possibility of accumulation of vitamin A (Retinol) in the body patients who are hypersensitive to vitamin A Should be carefully monitored during treatment with this preparation.

Vitamin C should be given with care to patients with hyperoxaluria. In patients taking oral anticoagulants or oestrogens, vitamin E should be given with carefully because it has been found to antagonize the effects of vitamin k, leading to an increase in blood clotting time in these patients.

## Drug interaction:

There is no potentially hazardous drug interaction with retinol ( after conversion of Bete carotene to it). Bothe cadmium and copper decrases retinol plasma levels. Among antibiotics, neomycin reduces the absorption of retinol.

Vitamin C is incompatible in solution with aminophylline, erythromycin, lactobionate, nafcillin, nitrofurantion sodium, conjugated oestrongense, sodium bicarbonate, sulphafurazole diethanloamine, chloramphenicol sodium succinatem chlorothiazide sodium and hydrocortisone sodium succinate. It increases the apparent half life of paracetamol and enhances iron absorption from the gastrointestinal tract.

No potentially useful drug interaction with vitamin E has been described However, high doses of vitamin E can, intestinal absorption of vitamin A and k.

## Storage:

Store in a cool & dry place (Below 25°C). Keep away from light. Keep out of reach of children.

## Commercial Pack:

Vitaforce Tablet: Box containing 20 vitaforce tablets in amber glass bottle pack.

Manufactured by



For further query on the use of this medicine, consult to a registered Doctor or Pharmacist.