

# AmCivit®

## COMPOSITION

Each 5ml **AmCivit®** syrup contains extracts of *Emblica officinalis* 3.03 ml and *Piper longum* 0.12 gm.

## DESCRIPTION

**AmCivit®** is the highest quality and most potent Amla syrup, which is time tested and proven to be clinically effective.

## PHARMACOLOGICAL ACTION

*Emblica officinalis*: *Emblica officinalis* is highly nutritious and is an important dietary source of vitamin C, minerals and amino acids. It contains Emblicanin A & B, Punigluconin, Pedunculagin, 2-keto-gluconolactone (vitamin-C equivalents), ellagic acid, hexahydroxy-diphenic acid and conjugates. In addition, the fruit contains phenols including gallic acid, quercetin, kaempferol, corilagin. A tannin containing gallic acid, ellagic acid and glucose in its molecule are naturally present in the fruit, which prevent the oxidation of vitamin and renders fruit valuable in vitamin C.

The presence of flavonoids in the *E. officinalis* enables them to be used as an antioxidant. It counteracts the toxic effects of prolonged exposure to environmental heavy metals. It increases glutathione (GSH) levels and glutathione peroxidase (GPx) activity in macrophages and decreases free radical production. *E. officinalis* is also used to detoxify blood from chemicals and harmful toxic substances and this is due to presence of phenols in *E. officinalis*, because phenols act as a detoxifying agent. Terpenoids of *E. officinalis* improves lung function.

*Piper longum*: *Piper longum* is certainly one of the most widely used of all Ayurvedic herbs for enhancing digestion, assimilation and metabolism of the foods that we eat. It is also highly prized for its ability to enhance the assimilation and potency of herbs. In a study, antiulcerogenic activity of *Piper longum* was noted against gastric ulcer.

## INDICATION AND USES

**AmCivit®** is indicated in vitamin C deficiency, scurvy, gastritis and anemia. It also acts as an antioxidant and prevents aging and premature graying of hair, supports cardiovascular health and wellness.

Other beneficial usage: For the treatment of infection, healing of ulcers, burn and trauma, quick healing of fracture. It is especially valuable in tuberculosis of lungs, asthma and bronchitis. Vitamin C may also be useful in lowering serum uric acid levels resulting in a correspondingly lower incidence of gout.

## DOSAGE & ADMINISTRATION

Children under 12 years: 1 teaspoonful (5 ml) two times daily.

Adult: 1 - 2 teaspoonfuls (5 - 10 ml) 2 - 3 times daily.

## SIDE EFFECT

There is no known significant side effect.

## CONTRAINDICATION

There is no evidence available on contraindication but it may happen in patients who are hypersensitive to any of its ingredients.

## USE IN PREGNANCY AND LACTATION

No adverse effect of **AmCivit®** syrup has been reported. In a study conducted in animals during the first month of pregnancy, high doses of vitamin C suppressed the production of progesterone from the corpus luteum. So caution should be taken in first month of pregnancy.

## DRUG INTERACTION

There is no known interaction with other drugs. But large dose of vitamin C may interfere with the absorption and metabolism of vitamin B12.

## PRECAUTION

Caution is advised when taking vitamin C and agents that may damage the kidneys due to an increased risk of kidney failure.

## STORAGE

Store at cool and dry place below 30° c temperature away from direct sunlight & moisture. Keep the medicine out of the reach of children.

## HOW SUPPLIED

Each PET bottle contains 100 ml **AmCivit®** syrup.

Manufactured by

**SQUARE PHARMACEUTICALS LTD.**

**AYURVEDIC DIVISION**

BSCIC, Pabna, Bangladesh

