

# Mecotrust-PG

## **Composition :**

MECOBALAMIN 750 MCG + PREGABALIN 75 MG + PYRIDOXINE HCL 3 MG + FOLIC ACID 1.5 MG + ALPHA LIPOIC ACID 100 MG

## **Mechanism Of Action :**

**Methylcobalamin:** is used to prevent and treat low vitamin B12. Lack of vitamin B12 may cause anaemia and damage to the nerves. It is used to treat diabetic neuropathy and peripheral neuropathy. It is an essential nutrient that helps the body make healthy red blood and nerve cells.

**Pregabalin:** Pregabalin is an analogue of the neurotransmitter GABA. It binds potently to the  $\alpha 2-\delta$  subunit resulting in modulation of Ca channels and reduction in the release of several neurotransmitters, including glutamate, norepinephrine, serotonin, dopamine, calcitonin gene-related peptide and substance P.

Alpha-lipoic acid: is a vitamin-like chemical called an antioxidant. Alpha-lipoic acid is used for diabetes and nerve-related symptoms of diabetes including burning, pain, and numbness in the legs and arms (including a disorder called cardiac autonomic neuropathy)

Folic Acid: Reducing homocysteine levels

## **Side Effects :**

Methylcobalamin: Anorexia, nausea, vomiting and diarrhoea. Parenteral: Rash, headache, hot sensation, diaphoresis and pain/induration at IM inj. site Potentially Fatal: Anaphylactoid reactions (parenteral).

## **Pregabalin:**

Somnolence, dizziness, headache, diplopia, blurred vision, vertigo, fatigue, irritability, arthralgia, muscle cramp, back and limb pain, cervical spasm, disorientation, insomnia, nasopharynges, ataxia, tremor, dysarthria, amnesia, paraesthesia, hypaesthesia, lethargy, sedation, oedema, peripheral oedema, dry mouth, constipation, diarrhoea, vomiting, nausea, flatulence, abdominal distension, increased appetite, wt. gain, euphoria, confusion, reduced libido, erectile dysfunction; attention, memory, coordination and gait disturbances; fall, feeling drunk, abnormal feeling. Rarely, Stevens-Johnson syndrome, rhabdomyolysis, breast enlargement, gynaecomastia.

## **Precaution :**

Methylcobalamin: Hypersensitivity or allergy to the ingredients Alpha Lipoic acid: In Pregnancy and lactation may lower blood glucose. Monitor blood glucose levels regularly.

May potentiate the effects of lorazepam. Additive CNS depressant effects w/ opiates and benzodiazepines. May increase risk of angioedema w/ ACE inhibitors. May increase risk of wt gain and peripheral oedema w/ thiazolidinedione's.

## **Dosage :**

1-2 Capsules daily or as recommended by Physician