

## THYOBUILD

### For the use of a Registered Medical Practitioner or a Hospital or a Laboratory Only

Abbreviated Prescribing information for THYOBUILD [Levothyroxine Sodium 25, 50, 75, 100mcg tablets] [Please refer the complete prescribing information available at [www.torrentpharma.com](http://www.torrentpharma.com)]

**PHARMACOLOGICAL PROPERTIES:** The chief action of these levothyroxine hormones is to increase the rate of cell metabolism. Levothyroxine is deiodinated in peripheral tissues to form Tri-iodothyronine which is thought to be active tissue form of thyroid hormone. Tri-iodothyronine is certainly more rapid acting and has shorter duration of action than Levothyroxine.

**INDICATION:** Recommended clinical indications: Control of hypothyroidism, congenital hypothyroidism and juvenile myxoedema.

**DOSAGE AND ADMINISTRATION: Adults:** Initially 50 to 100 micrograms daily, preferably taken before breakfast. Adjust three to four weeks interval by 50mcg, this may require doses of 100 to 200mcg. For patients over 50 years, it is not advisable to exceed 50 micrograms daily initially and where there is cardiac disease, 25 micrograms daily or 50 micrograms on alternate days is more suitable initially. **Paediatric patients:** The maintenance dose is generally 100 to 150 micrograms per m<sup>2</sup> body surface area. Elderly patients dose as per patient's dose over age 50years.

**CONTRAINDICATION:** Thyrotoxicosis. Hypersensitivity to any components of formulation.

**WARNINGS & PRECAUTIONS:** Patient age more than 50 years; Patients with panhypopituitarism or other causes predisposing to adrenal insufficiency may react to levothyroxine treatment (start corticosteroid therapy before giving levothyroxine); cardiovascular disorders (angina, coronary artery disease, hypertension, occult cardiac disease); Galactose intolerance, the Lapp lactase deficiency or glucose-galactose malabsorption; osteoporosis; excreted in breast milk; pregnancy.

**DRUG INTERACTIONS:** Levothyroxine affecting other drugs: interacts with anticoagulants; anti-diabetic agents; insulin; tricyclic anti-depressants; sympathomimetics; digitalis; NSAIDs; propranolol; ketamine. Interactions affecting levothyroxine: anti-convulsants (carbamazepine, phenytoin, sertraline, antacids, calcium salts, cimetidine, oral iron, sucralfate, colestipol, polystyrene sulphonate resin and cholestyramine); rifampicin, barbiturates, primidone; imatinib; beta-blockers; estrogens, oral contraceptives, androgens, corticosteroids.

**ADVERSE REACTIONS:** Headache, flushing, fever, sweating, hypersensitivity reactions (rash, pruritus, oedema), weight loss, tremor, restlessness, excitability, insomnia. rarely, benign intracranial hypertension (children), anginal pain, cardiac arrhythmias, palpitations, tachycardia, diarrhoea, vomiting, muscle cramps, muscle weakness, craniostenosis in infants and premature closure of epiphysis in children, menstrual irregularities, heat intolerance, transient hair loss in children.

### MARKETED BY:



TORRENT PHARMACEUTICALS LTD.

Torrent House, Off Ashram Road,

Ahmedabad-380 009, INDIA

IN/THYOBUILD/Apr-2015/01/AbPI

(Additional information is available on request)