

ARTWORK CODE 07  
Propylthiouracil  
25 mg, 50 mg and  
100 mg Tablets



## Package leaflet: Information for the user

### Propylthiouracil 25mg, 50mg & 100mg Tablets

Read all of this leaflet carefully before you start taking this medicine because it contains important information for you.

- Keep this leaflet. You may need to read it again.
- If you have any further questions, ask your doctor or pharmacist.
- This medicine has been prescribed for you only. Do not pass it on to others. It may harm them, even if their signs of illness are the same as yours.
- If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. See section 4.

#### What is in this leaflet

1. What Propylthiouracil Tablets are and what they are used for
2. What you need to know before you take Propylthiouracil Tablets
3. How to take Propylthiouracil Tablets
4. Possible side effects
5. How to store Propylthiouracil Tablets
6. Contents of the pack and other information

#### 1. What Propylthiouracil Tablets are and what they are used for

The active ingredient in Propylthiouracil Tablets is Propylthiouracil.

Propylthiouracil Tablets are used in the treatment of hyperthyroidism. Hyperthyroidism is where an overactive thyroid gland produces too much thyroid hormone. They are also used to treat Graves' disease, thyrotoxicosis and thyrotoxic crisis (when levels of thyroid hormone are dangerously high). Propylthiouracil Tablets may also be given to lower very high levels of thyroid hormone before surgery or radioactive iodine treatment. Children may be given Propylthiouracil Tablets to delay the need for surgery (or other treatment to remove part of an overactive thyroid gland).

#### 2. What you need to know before you take Propylthiouracil Tablets

##### Do not take Propylthiouracil Tablets

- if you are allergic to Propylthiouracil or any of the other ingredients of this medicine (listed in section 6).

This medicine contains less than 1 mmol sodium (23 mg) per dosage unit, that is to say essentially 'sodium-free'

##### Warnings and precautions

Talk to your doctor or pharmacist before taking Propylthiouracil Tablets if you:

- Have ever had an adverse reaction to Propylthiouracil or to any of the other ingredients of this medicine (listed in section 6);
- Are pregnant, may become pregnant or are breastfeeding;
- Have ever had any problems with your liver or kidneys;
- Are older than 40 years of age.

##### Check with your doctor if any of the following applies to you:

Some cases of severe liver reactions, including cases with fatal outcome or requiring liver transplant, have been reported in both children and adults treated with propylthiouracil. You should inform your doctor immediately if you develop symptoms of liver disease, such as nausea, feeling sick, diarrhoea, yellow discolouration of the skin or eyes, dark urine, pale stools, bleeding easily, itching or chills.

##### Other medicines and Propylthiouracil Tablets

Some medicines can interfere with your treatment. Tell your doctor if you are taking, have recently taken or might take any of the following:

- Any mineral supplements in your diet which may contain iodine;

- Medicines which will reduce the number of white blood cells in your body and hence lower your resistance to infection. If you are not sure, you should ask your doctor or pharmacist who will be able to give you this information;
- Medicines containing theophylline, aminophylline or digoxin;
- Other medicines including ones that you have bought for yourself without a prescription.

If you see another doctor or visit a hospital, remember to tell them what medicines you are already taking.

##### Pregnancy and breast-feeding

###### Pregnancy

Some studies suggest there may be a slight increased risk of birth defects in babies born to women with hyperthyroidism who were treated with Propylthiouracil Tablets during pregnancy, when compared with babies born to women who do not have hyperthyroidism, while others do not suggest an increased risk. The risk is not higher than the risk in babies born to women with untreated overt hyperthyroidism during pregnancy.

If you are pregnant, think you may be pregnant or are planning to have a baby, tell your doctor straight away. You may need treatment with Propylthiouracil tablets during pregnancy if the potential benefit outweighs the potential risk to you and your unborn baby.

###### Breast-feeding

If you are breast-feeding, ask your doctor for advice before taking this medicine.

#### 3. How to take Propylthiouracil Tablets

Always take this medicine exactly as your doctor has told you. The dose will be on the pharmacist's label. Check the label carefully. It should tell you how many tablets to take and how often. If you are not sure, ask your doctor or pharmacist. Your doctor may want you to have regular blood tests or other tests to check your condition and to make sure that you are taking the right dose. Swallow the tablets with water.

##### The following doses are intended as a guide:

###### ADULTS:

**For management of hyperthyroidism and prior to surgery:** the starting dose is between 300mg and 600mg a day, taken as a single dose or in divided doses. This may be gradually reduced to between 50mg and 150mg daily as your condition improves.

**In preparation for radioactive iodine therapy:** The dose is as above and should be taken for several weeks prior to radioactive iodine therapy. Treatment should be stopped 2 to 4 days before iodine treatment.

**For thyrotoxic crisis:** The dose is 200mg every 4 to 6 hours for the first 24 hours. This is then reduced as the condition improves. Elderly patients will be given the adult dose mentioned above. Patients with liver or kidney problems may be given a lower dose.

###### CHILDREN:

**Aged 6 to 10 years:** The starting dose is 50mg to 150mg a day or in divided doses.

**Aged over 10 years:** The starting dose is 150mg to 300mg a day or in divided doses.

**Neonates (babies less than 4 weeks old):** The dose will be worked out depending on the baby's weight. The usual daily dose is 5mg to 10mg for each kilogram of body weight.

For 100mg Tablets: The tablet can be divided into equal doses.

For 50mg Tablets: The score line is only there to help you break the tablet if you have difficulty swallowing it whole.

#### **If you take more Propylthiouracil Tablets than you should**

It is important not to take too many tablets. Contact your nearest hospital casualty department or a doctor for advice if you have swallowed too many tablets or if you think a child has swallowed any. Take this leaflet, and any tablets that you still have to show the doctor.

#### **If you forget to take Propylthiouracil Tablets**

If you forget to take a dose at the right time, take it as soon as you remember. If it is almost time to take the next dose, wait until then and then carry on as before. Do not take a double dose to make up for a forgotten dose.

If you have any further questions on the use of this medicine, ask your doctor or pharmacist.

#### **4. Possible side effects**

Like all medicines, this medicine can cause side effects, although not everybody gets them.

##### **Tell your doctor immediately if you get:**

- A fever, sore throat, rashes or ulcers in your mouth and throat, as this could be a sign that you are not making any white blood cells to fight off infection. If this happens your treatment should be stopped. However this is a rare side effect and occurs most commonly within the first two months of treatment and in patients over the age of 40 who are taking larger doses.
- Fever, joint swelling and pain, muscle aches, blood in urine, shortness of breath, rash.

Propylthiouracil may cause the increase of a particular type of antibody “ANCA” (anti-neutrophil cytoplasmic antibodies) and inflammation of the walls of blood vessels which can be serious if not treated. This can occur even if you have been taking propylthiouracil for many years.

##### **You should tell your doctor if you suffer from any of the following for more than a few days:**

- Rash;
- Itching;
- Hair loss;
- Skin colourations;
- Swelling (for example in the legs and feet);
- Being and feeling sick;
- Stomach upset;
- Loss of taste;
- Muscle or joint pain;
- Pins and needles and headache.

##### **Possible side effects**

##### **Other rare side effects (may affect up to 1 in 1,000 people) are:**

- Anaemia, fever, weak and tender muscles, lupus-like syndrome (seen as a red, scaly rash on the nose and cheeks and/or stiffness in the joints and malaise);
- Liver damage or inflammation, which can include hepatitis, jaundice (yellow skin and whites of the eyes), confusion, coma and death;
- Kidney inflammation (blood in the urine), bruises and blood spots due to inflammation of the small blood vessels in the skin, breathlessness and cough;
- Slow blood clotting, bleeding and bruising more easily than usual.

**Not known** (frequency cannot be estimated from the available data):  
Liver failure, liver inflammation.

If you feel unwell in any other way, tell your doctor as soon as you can.

Your body may make less white blood cells than normal which may make you more prone to picking up infections. Levels will go back to normal when you stop taking your treatment.

#### **Reporting of side effects**

If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via Yellow card scheme on the MHRA website [www.mhra.gov.uk/yellowcard](http://www.mhra.gov.uk/yellowcard) or search for MHRA Yellow Card in the Google Play or Apple App Store. By reporting side effects you can help provide more information on the safety of this medicine.

#### **5. How to store Propylthiouracil Tablets**

This medicinal product does not require any special storage conditions **Keep this medicine out of the sight and reach of children.**

Do not use this medicine after the expiry date which is stated on the carton and label.

The product is used within 100 days after opening of container.

Do not throw away any medicines via wastewater or household waste.

Ask your pharmacist how to throw away medicines you no longer use. These measures will help protect the environment.

#### **6. Contents of the pack and other information**

##### **What Propylthiouracil Tablets contain**

- The active ingredient is Propylthiouracil. Each tablet contains 25 milligrams (mg) or 50 milligrams (mg) or 100 milligrams (mg) Propylthiouracil
- The other ingredients are: Microcrystalline Cellulose, Pregelatinized Starch, Sodium Starch Glycolate Type A, Magnesium stearate

##### **What Propylthiouracil Tablets look like and contents of the pack**

25 mg: White, circular, biconvex uncoated tablets with “F11” debossed on one side and plain on other side.

50mg: White circular biconvex uncoated tablets with “I and II” debossed either side of breakline on one side and plain on other side.

100 mg: White, circular, biconvex uncoated tablets with “F” and “I2” debossed on either side of breakline on one side and plain on other side.

**Blister packs (Alu-Clear PVC blister pack):** Blister pack comprises of Clear film PVC 250µ as a forming material and Plain 25 µ Aluminium foil/ 6-8 gsm HSL as the lidding material.

**Container Pack: Container:** Round, white, HW HDPE

**Closure:** Child resistant with HS 123 white printed liner

Pack size: 28, 30, 56, 60, 84, 90 and 100 Tablets.

Not all pack sizes may be marketed.

**MACLEODS**



**Marketing Authorisation Holder and Manufacturer**

Macleods Pharma UK Limited

Wynyard Park House, Wynyard Avenue, Wynyard,

Billingham, TS22 5TB, United Kingdom

25mg: PL 34771/0256

50mg: PL 34771/0171

100mg: PL34771/0257

**This leaflet was last revised in {01/2026}**

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Macleods Pharma UK Limited  
Wynyard Park House, Wynyard Avenue, Wynyard,  
Billingham, TS22 5TB, United Kingdom

##### **Manufacturer**

Synoptis Industrial Sp. z o.o  
ul. Rabowicka 15, Swarzędz,  
62-020, Poland

25mg: PL 34771/0256

50mg: PL 34771/0171

100mg: PL34771/0257

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