

**Package leaflet: Information for the user**  
**Omeprazole Bluefish 10 mg gastro-resistant capsules**  
**Omeprazole Bluefish 20 mg gastro-resistant capsules**  
**Omeprazole Bluefish 40 mg gastro-resistant capsules**

omeprazole

**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 or nurse.
- 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 or nurse. This includes any possible side effects not listed in this leaflet. See section 4.

**What is in this leaflet:**

1. What Omeprazole Bluefish is and what it is used for
2. What you need to know before you take Omeprazole Bluefish
3. How to take Omeprazole Bluefish
4. Possible side effects
5. How to store Omeprazole Bluefish
6. Contents of the pack and other information

**1. What Omeprazole Bluefish is and what it is used for**

Omeprazole Bluefish contains the active substance omeprazole. It belongs to a group of medicines called 'proton pump inhibitors'. They work by reducing the amount of acid that your stomach produces.

Omeprazole Bluefish is used to treat the following conditions: In adults:

- 'Gastro-esophageal reflux disease' (GERD). This is where acid from the stomach escapes into the gullet (the tube which connects your throat to your stomach) causing pain, inflammation and heartburn.
- Ulcers in the upper part of the intestine (duodenal ulcer) or stomach (gastric ulcer).
- Ulcers which are infected with bacteria called '*Helicobacter pylori*'. If you have this condition, your doctor may also prescribe antibiotics to treat the infection and allow the ulcer to heal.
- Ulcers caused by medicines called NSAIDs (Non-Steroidal Anti-Inflammatory Drugs). Omeprazole Bluefish can also be used to stop ulcers from forming if you are taking NSAIDs.
- Too much acid in the stomach caused by a growth in the pancreas (Zollinger-Ellison syndrome).

In children:

*Children over 1 year of age and  $\geq 10$  kg*

- 'Gastro-esophageal reflux disease' (GERD). This is where acid from the stomach escapes into the gullet (the tube which connects your throat to your stomach) causing pain, inflammation and heartburn.

In children, the symptoms of the condition can include the return of stomach contents into the mouth (regurgitation), being sick (vomiting) and poor weight gain.

*Children and adolescents over 4 years of age*

- Ulcers which are infected with bacteria called '*Helicobacter pylori*'. If your child has this condition,

your doctor may also prescribe antibiotics to treat the infection and allow the ulcer to heal.

## 2. What you need to know before you take Omeprazole Bluefish

### Do not take Omeprazole Bluefish

- if you are allergic to omeprazole or any of the other ingredients of this medicine (listed in section 6).
- if you are allergic to medicines containing other proton pump inhibitors (eg pantoprazole, lansoprazole, rabeprazole, esomeprazole).
- if you are taking a medicine containing nelfinavir (used for HIV infection)

If you are not sure, talk to your doctor or pharmacist before taking Omeprazole Bluefish.

### Warnings and precautions

Tell your doctor before taking this medicine, if:

- You are due to have a specific blood test (Chromogranin A)

Omeprazole Bluefish may hide the symptoms of other diseases. Therefore, if any of the following happen to you before you start taking Omeprazole Bluefish or while you are taking it, talk to your doctor straight away:

- You lose a lot of weight for no reason and have problems swallowing.
- You get stomach pain or indigestion.
- You begin to vomit food or blood.
- You pass black stools (blood-stained faeces).
- You experience severe or persistent diarrhoea, as omeprazole has been associated with a small increase in infectious diarrhoea.
- You have severe liver problems.
- You have ever had a skin reaction after treatment with a medicine similar to Omeprazole Bluefish that reduces stomach acid.
- You get a rash on your skin, especially in areas exposed to the sun tell your doctor as soon as you can, as you may need to stop your treatment with Omeprazole Bluefish. Remember to also mention any other ill-effects like pain in your joints.

Taking a proton pump inhibitor like Omeprazole Bluefish, especially over a period of more than one year, may slightly increase your risk of fracture in the hip, wrist or spine. Tell your doctor if you have osteoporosis or if you are taking corticosteroids (which can increase the risk of osteoporosis).

If you take Omeprazole Bluefish on a long-term basis (longer than 1 year) your doctor will probably keep you under regular surveillance. You should report any new and exceptional symptoms and circumstances whenever you see your doctor.

### Other medicines and Omeprazole Bluefish

Tell your doctor or pharmacist if you are taking or have recently taken or might take any other medicines,. This is because Omeprazole Bluefish can affect the way some medicines work and some medicines can have an effect on Omeprazole Bluefish.

Do not take Omeprazole Bluefish if you are taking a medicine containing **nelfinavir** (used to treat HIV infection).

Tell your doctor or pharmacist if you are taking any of the following medicines:

- Ketoconazole, itraconazole or voriconazole (used to treat infections caused by a fungus)
- Digoxin (used to treat heart problems)

- Diazepam (used to treat anxiety, relax muscles or in epilepsy)
- Phenytoin (used in epilepsy). If you are taking phenytoin, your doctor will need to monitor you when you start or stop taking Omeprazole Bluefish
- Medicines that are used to thin your blood, such as warfarin or other vitamin K blockers. Your doctor may need to monitor you when you start or stop taking Omeprazole Bluefish
- Rifampicin (used to treat tuberculosis)
- Atazanavir (used to treat HIV infection)
- Tacrolimus (in cases of organ transplantation)
- St John's wort (*Hypericum perforatum*) (used to treat mild depression)
- Cilostazol (used to treat intermittent claudication)
- Saquinavir (used to treat HIV infection)
- Clopidogrel (used to prevent blood clots (thrombi))

If your doctor has prescribed the antibiotics amoxicillin and clarithromycin as well as Omeprazole Bluefish to treat ulcers caused by *Helicobacter pylori* infection, it is very important that you tell your doctor about any other medicines you are taking.

### **Omeprazole Bluefish with food and drink**

You can take your capsules with food or on an empty stomach.

### **Pregnancy and breast-feeding**

If you are pregnant or breast-feeding, think you may be pregnant or are planning to have a baby, ask your doctor or pharmacist for advice before taking this medicine.

### **Driving and using machines**

Omeprazole Bluefish is not likely to affect your ability to drive or use any tools or machines. Side effects such as dizziness and visual disturbances may occur (see section 4). If affected, you should not drive or operate machinery.

### **Omeprazole Bluefish contains sucrose**

If you have been told by your doctor that you have an intolerance to some sugars contact your doctor before taking this product.

### **Omeprazole Bluefish contains sodium**

This medicine contains less than 1 mmol sodium (23 mg) per 10mg, 20mg and 40mg tablets that is to say essentially 'sodium-free'.

## **3. How to take Omeprazole Bluefish**

Always take this medicine exactly as your doctor or pharmacist has told you. Check with your doctor or pharmacist if you are not sure.

Your doctor will tell you how many capsules to take and how long to take them for. This will depend on your condition and how old you are.

The usual doses are given below.

### Adults:

To treat symptoms of GERD such as **heartburn and acid regurgitation:**

- If your doctor has found that your food pipe (gullet) has been slightly damaged, the usual dose is 20 mg once a day for 4-8 weeks. Your doctor may tell you to take a dose of 40 mg for a further

- 8 weeks if your gullet has not yet healed.
- The usual dose once the gullet has healed is 10 mg once a day.
- If your gullet has not been damaged, the usual dose is 10 mg once a day.

To treat **ulcers in the upper part of the intestine** (duodenal ulcer):

- The usual dose is 20 mg once a day for 2 weeks. Your doctor may tell you to take the same dose for a further 2 weeks if your ulcer has not yet healed.
- If the ulcer does not fully heal, the dose can be increased to 40 mg once a day for 4 weeks.

To treat **ulcers in the stomach** (gastric ulcer):

- The usual dose is 20 mg once a day for 4 weeks. Your doctor may tell you to take the same dose for a further 4 weeks if your ulcer has not yet healed.
- If the ulcer does not fully heal, the dose can be increased to 40 mg once a day for 8 weeks.

To **prevent the duodenal and stomach ulcers** from coming back:

- The usual dose is 10 mg or 20 mg once a day. Your doctor may increase the dose to 40 mg once a day.

To treat duodenal and stomach **ulcers caused by NSAIDs** (Non-Steroidal Anti-Inflammatory Drugs):

- The usual dose is 20 mg once a day for 4–8 weeks.

To **prevent duodenal and stomach ulcers** if you are taking **NSAIDs**:

- The usual dose is 20 mg once a day.

To treat **ulcers caused by *Helicobacter pylori*** infection and to stop them coming back:

- The usual dose is 20 mg Omeprazole Bluefish twice a day for one week.
- Your doctor will also tell you to take two antibiotics among amoxicillin, clarithromycin and metronidazole.

To treat too much acid in the stomach caused by a **growth in the pancreas (Zollinger-Ellison syndrome)**:

- The usual dose is 60 mg daily.
- Your doctor will adjust the dose depending on your needs and will also decide how long you need to take the medicine for.

#### Use in Children:

To treat symptoms of GERD such as **heartburn and acid regurgitation**:

- Children over 1 year of age and with a body weight of more than 10 kg may take Omeprazole Bluefish. The dose for children is based on the child's weight and the doctor will decide the correct dose.

To treat **ulcers caused by *Helicobacter pylori*** infection and to stop them coming back:

- Children aged over 4 years may take Omeprazole Bluefish. The dose for children is based on the child's weight and the doctor will decide the correct dose.
- Your doctor will also prescribe two antibiotics called amoxicillin and clarithromycin for your child.

#### **Taking this medicine**

- It is recommended that you take your capsules in the morning.
- You can take your capsules with food or on an empty stomach.
- Swallow your capsules whole with half a glass of water. Do not chew or crush the capsules. This is because the capsules contain coated pellets which stop the medicine from being broken down by the

acid in your stomach. It is important not to damage the pellets.

### **What to do if you or your child have trouble swallowing the capsules**

- If you or your child have trouble swallowing the capsules:
  - Open the capsules and swallow the contents directly with half a glass of water or put the contents into a glass of still (non-fizzy) water, any acidic fruit juice (e.g. apple, orange or pineapple) or apple sauce.
  - Always stir the mixture just before drinking it (the mixture will not be clear). Then drink the mixture straight away or within 30 minutes.
  - To make sure that you have drunk all of the medicine, rinse the glass very well with half a glass of water and drink it. The solid pieces contain the medicine - do not chew or crush them.

### **If you take more Omeprazole Bluefish than you should**

If you take more Omeprazole Bluefish than prescribed by your doctor, talk to your doctor or pharmacist straight away.

### **If you forget to take Omeprazole Bluefish**

If you forget to take a dose, take it as soon as you remember it. However, if it is almost time for your next dose, skip the missed dose. Do not take a double dose to make up for a forgotten dose.

### **If you stop taking Omeprazole Bluefish**

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

## **4. Possible side effects**

Like all medicines, Omeprazole Bluefish can cause side effects, although not everybody gets them.

### **If you notice any of the following rare but serious side effects, stop taking Omeprazole Bluefish and contact a doctor immediately:**

- Sudden wheezing, swelling of your lips, tongue and throat or body, rash, fainting or difficulties in swallowing (severe allergic reaction).
- Reddening of the skin with blisters or peeling. There may also be severe blisters and bleeding in the lips, eyes, mouth, nose and genitals. This could be 'Stevens-Johnson syndrome' or 'toxic epidermal necrolysis'.
- Yellow skin, dark urine and tiredness which can be symptoms of liver problems.

Side effects may occur with certain frequencies, which are defined as follows:

Common:	may affect up to 1 in 10 people
Uncommon:	may affect up to 1 in 100 people
Rare:	may affect up to 1 in 1,000 people
Very rare:	may affect up to 1 in 10,000 people
Not known:	frequency cannot be estimated from the available data

Other side effects include:

### **Common side effects (may affect up to 1 in 10 people)**

- Headache.
- Effects on your stomach or gut: diarrhoea, stomach pain, constipation, wind (flatulence).
- Feeling sick (nausea) or being sick (vomiting).
- Benign polyps in the stomach

**Uncommon side effects (may affect up to 1 in 100 people)**

- Swelling of the feet and ankles.
- Disturbed sleep (insomnia).
- Dizziness, tingling feelings such as “pins and needles”, feeling sleepy.
- Spinning feeling (vertigo).
- Changes in blood tests that check how the liver is working.
- Skin rash, lumpy rash (hives) and itchy skin.
- Generally feeling unwell and lacking energy.

**Rare side effects (may affect up to 1 in 1,000 people)**

- Blood problems such as a reduced number of white cells or platelets. This can cause weakness, bruising or make infections more likely.
- Allergic reactions, sometimes very severe, including swelling of the lips, tongue and throat, fever, wheezing.
- Low levels of sodium in the blood. This may cause weakness, being sick (vomiting) and cramps.
- Feeling agitated, confused or depressed.
- Taste changes.
- Eyesight problems such as blurred vision.
- Suddenly feeling wheezy or short of breath (bronchospasm).
- Dry mouth.
- An inflammation of the inside of the mouth.
- An infection called “thrush” which can affect the gut and is caused by a fungus.
- Liver problems, including jaundice which can cause yellow skin, dark urine, and tiredness.
- Hair loss (alopecia).
- Skin rash on exposure to sunshine.
- Joint pains (arthralgia) or muscle pains (myalgia).
- Severe kidney problems (interstitial nephritis).
- Increased sweating.

**Very rare side effects (may affect up to 1 in 10,000 people)**

- Changes in blood count including agranulocytosis (lack of white blood cells).
- Aggression.
- Seeing, feeling or hearing things that are not there (hallucinations).
- Severe liver problems leading to liver failure and inflammation of the brain.
- Sudden onset of a severe rash or blistering or peeling skin. This may be associated with a high fever and joint pains (Erythema multiforme, Stevens-Johnson syndrome, toxic epidermal necrolysis).
- Muscle weakness.
- Enlarged breasts in men.

**Not Known (frequency cannot be estimated from the available data)**

Rash, possibly with pain in the joints.

If you are on Omeprazole Bluefish for more than three months, it is possible that the levels of magnesium in your blood may fall. Low levels of magnesium can be seen as fatigue, involuntary muscle contractions, disorientation, convulsions, dizziness, increased heart rate. If you get any of these symptoms, please tell your doctor promptly. Low levels of magnesium can also lead to a reduction in potassium or calcium levels in the blood. Your doctor may decide to perform regular blood tests to monitor your levels of magnesium.

Omeprazole Bluefish may in very rare cases affect the white blood cells leading to immune deficiency. If you have an infection with symptoms such as fever with a **severely** reduced general condition or fever with

symptoms of a local infection such as pain in the neck, throat or mouth or difficulties in urinating, you must consult your doctor as soon as possible so that a lack of white blood cells (agranulocytosis) can be ruled out by a blood test. It is important for you to give information about your medicine at this time.

Do not be concerned by this list of possible side effects. You may not get any of them. If any of the side effects get serious, or if you notice any side effects not listed in this leaflet, please tell your doctor or pharmacist.

### **Reporting of side effects**

If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via HPRA Pharmacovigilance, Website: [www.hpra.ie](http://www.hpra.ie);

## **5. How to store Omeprazole Bluefish**

Do not store above 30°C.

Keep the bottle tightly closed, in order to protect from moisture.

Store in the original package.

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 label after EXP. The expiry date refers to the last day of that month.

Do not throw away any medicines via wastewater or household waste. Ask your pharmacist how to dispose of medicines no longer required. These measures will help to protect the environment.

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

What Omeprazole Bluefish contains:

- The active substance is omeprazole. Each capsule contains gastro resistant granules of 10mg, 20mg or 40mg Omeprazole.
- The other ingredients are: Sugar spheres (sucrose and maize starch), Sodium starch glycollate Type A, sodium laurilsulfate, povidone K30, trisodium phosphate, hypromellose, methacrylic acid-ethyl acrylate copolymer (1:1), sodium hydroxide, triethyl citrate, titanium dioxide (E171), talc, erythrosine (E127), quinoline yellow (E104), gelatin, shellac, polyvinylpyrrolidone, sodium hydroxide, Red Iron Oxide (E172) (10mg capsules) or Indigo carmine (E132) (20mg and 40mg capsules).

### **What Omeprazole Bluefish look like and contents of the pack:**

10 mg capsules: have an orange body and red cap and are marked with O10

20 mg capsules: have an orange body and blue cap and are marked with O20

40 mg capsules: have an orange body and blue cap and are marked with O40

Omeprazole Bluefish capsules are available in Alu-alu blister & bottles pack of 5, 7, 14, 15, 20, 21, 28, 30, 42, 50, 56, 60, 84, 98, 100 or 500 capsules.

Not all pack sizes may be marketed.

### **Marketing Authorisation Holder and Manufacturer**

**Marketing Authorisation Holder**

Bluefish Pharmaceuticals AB,

P.O. Box 49013,

100 28 Stockholm  
Sweden

**Manufacturer**

Bluefish Pharmaceuticals AB  
Gävlegatan 22, 113 30  
Stockholm,  
Sweden

Teva Pharma, S.L.U.,  
C/C, no 4, Poligono Industrial Malpica  
50016 Zaragoza,  
Spain

**This medicinal product is authorised in the Member States of the EEA under the following names:**

<b>Name of the Member State</b>	<b>Name of the medicinal product</b>
Ireland	Omeprazole Bluefish 10mg/20mg/40mg Capsules
Germany	Omeprazol Bluefish 20mg/40mg magensaftresistente Hartkapseln
Norway	Omeprazol Bluefish 10mg/20mg/40mg enterokapsler, harde
Sweden	Omeprazol Bluefish 10mg/20mg/40mg enterokapsel, hard

This leaflet was last approved in