



Glytrin

400 micrograms per metered dose, Sublingual spray

Glyceryl Trinitrate 400 micrograms per metered dose

Read all of this leaflet carefully before you start using 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.

In this Leaflet:

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

1. WHAT GLYTRIN IS AND WHAT IT IS USED FOR

Your medicine is called Glytrin.

It is a sublingual (under the tongue) aerosol spray that contains the active ingredient glyceryl trinitrate. Glyceryl trinitrate belongs to a group of medicines called nitrates that relax the muscle walls of the blood vessels and reduce the workload of the heart.

Glytrin is used to treat angina at the onset of an attack. It is also used for the prevention of angina, which can be brought on from physical effort, emotional stress, and exposure to cold, etc.

2. WHAT YOU NEED TO KNOW BEFORE YOU USE GLYTRIN

Do not use Glytrin and talk to your doctor:

- If you are **allergic** to glyceryl trinitrate or any of the other ingredients of this medicine (listed in section 6).
- If you have severe **low blood pressure**.
- If you have **shock** caused by low blood pressure.
- If you have severe **anaemia**.
- If you have **constrictive pericarditis** (a heart condition).
- If you have an extremely **low heart rate**.
- If you have **glucose-6-phosphate-dehydrogenase deficiency** (an inherited enzyme deficiency, mainly affecting men).
- If you have a **brain trauma** or **cerebral haemorrhage** (brain or head injury, including bleeding).
- If you have **narrowing of the heart valves** or **arteries** or angina caused by a disease of the heart muscle.
- If you have **circulatory collapse** (a failure of blood circulation).
- If you have toxic **pulmonary oedema** (lung swelling/ fluid)
- If you have **cardiogenic shock** (a serious heart condition caused by very low blood pressure, which may result in the following symptoms: dizziness and lightheadedness, fast pulse rate, white skin, sweating, restlessness or loss of consciousness).

Do not use if you are taking **Sildenafil, tildenafil, vardenafil** or similar phospho-diesterase inhibitors used to treat male erectile dysfunction (impotence).

Warnings and precautions

Talk to your doctor before using Glytrin if any of the following apply to you:

- Fluid around the heart (pericardial tamponade).
- Low filling pressures (e.g. acute myocardial infarction)
- Problems controlling your blood pressure.
- Any disease that increases pressure on the brain.
- Glaucoma (a condition in which the pressure in the eye may be high).
- Liver or kidney problems.
- An underactive thyroid gland.

Please consult your doctor, even if these statements were applicable to you at any time in the past. You may need to be more closely supervised during treatment.

Other medicines and Glytrin:

Please **tell your doctor if you are taking** or have recently taken **any other medicines**, including medicines obtained without a prescription.

Talk to your doctor before using Glytrin if you are taking or have recently taken any of the following:

- Medicines treating blood pressure or heart problems, such as vasodilators, antihypertensives, betablockers and calcium channel blockers.
- Tricyclic anti-depressants or neuroleptics, used to treat mental health conditions.
- Diuretics (water tablets to increase amount of urine produced).
- Dihydroergotamine, used to treat migraine headaches.
- Heparin, a blood thinner used to prevent blood clots. Your doctor will need to monitor you more closely.
- Organic nitrates (other acute angina treatments).

Glytrin with alcohol:

Be careful about drinking alcohol as Glytrin may affect you more than usual. Both alcohol and Glytrin may lower your blood pressure and slow down your reactions.

Pregnancy and breast-feeding:

If you are, or think you might be pregnant, ask your doctor for advice before taking this medicine. Glytrin should not be used if you are breastfeeding.

Driving and using machines:

Your reactions may slow down. Therefore you should avoid driving and using machinery whilst taking Glytrin.

Glytrin contains ethanol

This product contains small amounts of ethanol (alcohol), less than 100mg per spray.

Continuous use warning:

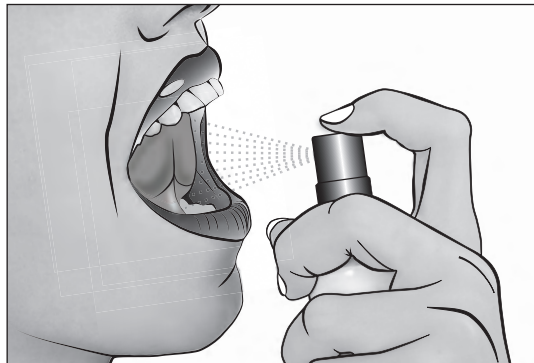
Continuous use of Glytrin and other nitrates may reduce effectiveness at relieving your symptoms, so high continuous doses should be avoided.

3. HOW TO USE GLYTRIN

1. Glytrin is not recommended for children.
2. **Always use Glytrin exactly as explained** in this leaflet. You should check with your doctor or pharmacist if you are not sure.

Client:	AYRTON SAUNDERS
Product:	Glytrin
Date:	14.04.2014
Color:	Black
Fonts and Size:	Helvetica Neue LT Std (Condensed, Bold Condensed) 8 pt
Leading:	9 pt

- Learn how to use Glytrin before the onset of an angina attack, as you may need to use it in a hurry, or in the dark. Familiarise yourself with the spray button, which has a finger rest to help you direct the spray.
- Keep a spare handy at all times as it can be difficult to tell how many doses are left in the canister.
- Do not use Glytrin if you are near a naked flame, e.g. a cigarette.**



- Before using Glytrin for the first time**, check that the spray is working by pressing the pump button a few times until it produces a fine mist of liquid. Practice aiming the spray onto a tissue or similar item so that you will be able to aim it correctly under the tongue when you need to use it. **If you do not need to use Glytrin very often**, remember to check the spray regularly to see that it still works properly.
- At the onset of an attack, or to prevent an imminent attack:
 - Sit down.
 - Hold the canister upright and near your mouth.
 - Hold your breath.**
 - Aim the **spray under your tongue.**
 - Press down the button firmly, once only.
 - Close your mouth** immediately.
 - Do not inhale** the spray.
- The usual dose is one or two sprays.** No more than three doses are recommended at any one time.
- After using Glytrin, rest for a while. When you stand up, rise slowly, as you may feel faint.

If you use more Glytrin than you should:

Special treatment is not normally required.

Overdose symptoms are usually the same as the stated side effects. Some people may experience a reaction similar to shock, with nausea, weakness and sweating. If you feel faint sit down and raise your legs. Contact your doctor if your symptoms do not improve. Rarely a bluish colour to lips/fingers may occur (cyanosis or methaemoglobinaemia). If this happens contact your doctor immediately.

4. POSSIBLE SIDE EFFECTS

Like all medicines, as well as benefits, Glytrin can cause side effects, although not everybody gets them.

If you experience one of the following rare serious side effects (affecting less than 1 in 1000 patients unless specified), stop taking Glytrin immediately and consult your doctor:

- An allergic skin reaction (with or without rash).
- Tongue blistering (less than 1 in 100 patients).
- Fainting due to a low heart rate and a severe fall in blood pressure. This may be accompanied by a worsening of the original angina symptoms.

- Transient hypoxaemia (deprived oxygen supply).
- Patients with coronary heart disease may experience a restriction in blood supply.

Continuous use may result in a tolerance to Glytrin, reducing its effectiveness. If symptoms are not relieved, medical advice should be sought immediately.

Other known side effects are:

Very common (more than 1 in 10 patients)	Headache
Common (less than 1 in 10 patients)	Vertigo (spinning sensation), dizziness, nausea, facial flushing, weakness
Uncommon (less than 1 in 100 patients)	Burning sensation, stinging sensation
Rare (less than 1 in 1000 patients)	Severe fall in blood pressure, heart rhythm change
Very rare (less than 1 in 10000 patients)	Flaking or peeling skin

Reporting of side effects

If you get any side effects, talk to your doctor. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via the national reporting system listed in Yellow Card Scheme Website: www.mhra.gov.uk/yellowcard. By reporting side effects you can help provide more information on the safety of this medicine.

5. HOW TO STORE GLYTRIN

- Keep this medicine out of the sight and reach of children.**
- Do not use Glytrin after the expiry date which is stated on the carton and the canister base after EXP. The expiry date relates to the last day of that month.
- Do not store above 25°C. Do not refrigerate or freeze.
- Glytrin is an aerosol spray and contains a pressurised liquid. Do not expose to temperatures higher than 50°C, and do not pierce the canister, even when empty.
- 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 Glytrin contains:

- The active ingredient is glyceryl trinitrate. Each spray of Glytrin contains 400 micrograms of glyceryl trinitrate.
- The other ingredients are peppermint oil, ethanol and 1,1,1,2 tetrafluoroethane (the propellant).

What Glytrin looks like and contents of the pack:

- Glytrin is a colourless spray presented in a printed aluminium canister, with a metered dose spray nozzle, and a cap.
- Each canister contains enough product for 200 sprays.

Marketing Authorisation Holder and Manufacturer:

MA 16431/0017

PA 501/4/1

**Marketing Authorisation Holder: Ayrton Saunders Ltd.,
9 Arkwright Road, Astmoor Industrial Estate, Runcorn,
Cheshire, WA7 1NU, UK.**

Manufacturer: Pharmasol Limited, North Way, Andover, SP10 5AZ, UK.

This leaflet was last revised in April 2014.

© Registered Trademark Ayrton Saunders Ltd.

Client: AYRTON SAUNDERS
Product: Glytrin
Date: 14.04.2014
Color: Black
Fonts and Size: Helvetica Neue LT Std (Condensed, Bold Condensed) 8 pt
Leading: 9 pt