

# Dozyfyle 400 Tablet

## Doxofylline (400 mg) Tablet

### Composition: Each tablet contains:

- Doxofylline: 400 mg

### Pharmacological Class:

- Respiratory Drug
- Xanthine Derivative (Bronchodilator)

**Indications:** Doxofylline is primarily used in the management of respiratory conditions, including:

- Chronic Obstructive Pulmonary Disease (COPD)
- Bronchial Asthma
- Chronic bronchitis
- Emphysema
- Acute exacerbations of chronic respiratory conditions

**Mechanism of Action:** Doxofylline works by relaxing the muscles in the airways and improving airflow to the lungs. It is a xanthine derivative, which inhibits phosphodiesterase enzymes and increases the levels of cyclic AMP, leading to bronchodilation and improved lung function.

### Dosage and Administration:

- Adults: 400 mg once or twice daily, depending on the severity of the condition.
- Children: Use in children should be determined by a healthcare professional.
- The tablet should be taken orally with or without food. It is important to follow the prescribed dosing schedule to achieve optimal therapeutic results.

### Contraindications:

- Hypersensitivity to Doxofylline or other xanthine derivatives.
- Not recommended for use in patients with a history of heart disease, particularly arrhythmias.
- Caution in patients with liver or kidney dysfunction.

### Warnings and Precautions:

- Use with caution in patients with cardiovascular disorders, including arrhythmias.
- Should be used with caution in the elderly, as they may be more susceptible to side effects.
- Pregnancy Category C: Should only be used if the potential benefit justifies the potential risk to the fetus.
- It is not recommended for use during breastfeeding unless necessary.
- Monitor for side effects such as nausea, vomiting, dizziness, or nervousness, as these could be signs of overdose.

### Side Effects: Common side effects include:

- Nausea or vomiting
- Headache
- Dizziness
- Tremors
- Insomnia
- Increased heart rate (tachycardia)
- Gastrointestinal discomfort (e.g., abdominal pain, diarrhea)

### Serious side effects include:

- Severe allergic reactions (rash, itching, difficulty breathing)
- Severe chest pain, irregular heartbeat
- Seizures (in the case of overdose)

### Drug Interactions:

- **Caffeine:** May increase the risk of side effects such as restlessness or jitteriness.
- **Corticosteroids and other bronchodilators:** May increase the risk of side effects related to the cardiovascular system.
- **Antibiotics:** Some antibiotics may alter the metabolism of Doxofylline.
- **Antacids:** May reduce the absorption of Doxofylline.

**Storage:**

- Store at room temperature, away from light and moisture.
- Keep out of reach of children.

**Overdose:** In the event of overdose, symptoms may include severe nausea, vomiting, tremors, and cardiac arrhythmias. Immediate medical attention is required.

**Packaging:**

- Available in blister packs of 10 or 20 tablets.

**Manufacturer:**

- [Manufacturer Name]

**Note:** Always consult a healthcare provider for the appropriate dosage and use, as individual needs may vary.

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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