**Tyrex®**
Guaiphenesin+Pseudoephedrin+Triprolidine

**Description**
Tyrex® is a preparation of Guaiphenesin, Pseudoephedrin HCl and Triprolidine HCl.

Guaiphenesin reduces the viscosity of tenacious sputum and is used as an expectorant. Pseudoephedrine HCl is a sympathomimetic agent which is used for symptomatic relief of nasal congestion. Triprolidine HCl is an antihistamine and is used for the symptomatic relief of hypersensitivity reactions (e.g. urticaria, rhinitis, conjunctivitis, common cold, cough and in pruritic skin disorders).

**Indication and usage**
Tyrex® is indicated for the symptomatic relief of upper respiratory tract disorders accompanied by productive cough & allergic rhinitis.

**Dosage and administration**

- **Adult and children over 12 years**: 2 teaspoonful 3 times daily
- **Children of 6-12 years**: 1 teaspoonful 3 times daily
- **Children of 2-5 years**: ½ teaspoonful 3 times daily
- **Children below 2 years**: As directed by the physician

**Use in pregnancy and lactation**
There are no specific data on the use of Tyrex® during pregnancy and lactation. However, it can only be prescribed to pregnant women considering the risk benefit potential and possible hazards to the developing fetus.

**Precautions**
Tyrex® should not be used concomitantly with alcohol or benzodiazepines and should be used with caution in patients taking antihypertensive drugs, tricyclic antidepressants or other sympathomimetic agents. Caution also has to be taken in patients with severe hepatic or renal insufficiency.

**Warning**
Tyrex® may cause sedation or drowsiness. So it should be used with caution when driving or operating machine.

**Side effects**
Central nervous system (CNS) depression or excitation may occur. Drowsiness is most common. Sleep disturbance and rarely hallucination have been reported. Skin rashes with or without irritation, tachycardia, dryness of mouth, nose and throat have occasionally been reported. Urinary retention & prostatic enlargement has been reported occasionally in men receiving pseudoephedrine.
Contraindications
Patients with a known hypersensitivity to guaiphenesin, pseudoephedrine or triprolidine are contraindicated to this preparation. Patients with hypertension and severe coronary artery diseases, patients taking MAO inhibitors or have taken such drugs less than two week before starting Tyrex® treatment is also contraindicated.

Drug interactions
Concomitant use of Tyrex® with sympathomimetic agents such as decongestants, tricyclic antidepressants, appetite suppressants and amphetamine-like psychostimulants or with monoamine oxidase inhibitors which interfere with the catabolism of sympathomimetic amines may occasionally cause a rise in blood pressure. Pseudoephedrine of Tyrex® may partially reverse the hypotensive action of drugs which interfere with sympathetic activity including guanethidine, methyldopa, alpha-adrenergic blocking agents.

Pharmaceutical precautions
Keep away from the reach of children. Store in a cool and dry place below 25°C & protected from light.

Presentation
Tyrex® Syrup: Sugar free pink colored syrup with orange flavor. Each 5ml contains

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>Guaiphenesin BP</td>
<td>100mg</td>
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<tr>
<td>Pseudoephedrine HCl BP</td>
<td>30mg</td>
</tr>
<tr>
<td>Triprolidine HCl BP</td>
<td>1.25mg</td>
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Packaging quantities
Tyrex® Syrup: Bottle of 100ml.

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ACI Limited
Narayanganj, Bangladesh