

## SALCOF SYRUP

*For the use by a Registered Medical Practitioner or Hospital or a Laboratory.*

### SALCOF SYRUP:

#### **Composition:**

Each 5ml contains Salbutamol B.P 1.0mg, Bromhexine B.P 2.0mg and Guaiphenesin B.P 50mg as active ingredients.

#### **Clinical Pharmacology:**

##### **Bromhexine**

Bromhexine acts on the mucus at the formative stages in the glands within the mucus secreting-cells.

##### **Pharmacokinetics**

It is rapidly absorbed from the gastro-intestinal tract and undergoes extensive first pass effect. Its bioavailability is 20%. It is widely distributed to the body tissues and highly bound to plasma proteins.

##### **Salbutamol**

Salbutamol produces bronchodilation by relaxing smooth muscles through beta-2 receptors stimulation.

##### **Pharmacokinetics**

It is bound to plasma proteins at extent of 10%. After oral administration, it is absorbed from the gastro-intestinal tract and undergoes first pass metabolism to the phenolic sulphate. Its bioavailability is about 50%.

##### **Guaiphenesin**

Guaiphenesin acts by increasing the volume and reducing the viscosity of secretions in the trachea and bronchi. Thus it increases the efficiency of the cough reflex and facilitate removal of the secretions.

##### **Pharmacokinetics**

Guaiphenesin is well absorbed from the gastro- intestinal tract. It is readily metabolized through both oxidation and demethylation, and excreted in urine. Its plasma half life is 1 hour.

#### **Indications:**

Salcof syrup is used for cough associated with acute and chronic bronchitis, common colds, bronchial asthma and other bronchospastic disorders.

#### **Dosage and Administration:**

Adults: 10ml every 8 hours

Children aged 6-12 years of age: 5ml every 8hours

Children aged 3-5 years of age: 2.5ml every 8hours

Children aged ½-2 years of age: 1.2ml every 8hours

Children under 6months not recommended

#### **Contraindications:**

Concomitant use with beta blockers, pregnancy, MAOI, serious cardiac or thyroid diseases.

#### **Side Effects:**

Muscle cramps, tachycardia, palpitation, fine muscle tremor, headache, peripheral vasodilation, allergic reactions, insomnia, dizziness.

#### **Warnings and Precautions:**

Salcof syrup should be used cautiously in patients with hypertension, thyrotoxicosis, heart disease and tolerance.

#### **Presentation:**

60ml, 100ml and 180ml in amber coloured bottles packed in unit boxes.

#### **Storage:**

Do not store above 30°C. Store in a dry place. Protect from direct sunlight. Keep all medicines out of reach of children.

*Handwritten signature and date: 20/09/14*

Manufactured by:

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size: 120mm x 160mm