SINAREST Oral Drops

COMPOSITION

Each ml of SINAREST Oral Drops contains:	
Phenylephrine hydrochloride IP	2.5 mg
Chlorpheniramine maleate IP	1 mg
Paracetamol IP	125 mg

DESCRIPTION

SINAREST Oral Drops contains a clinically proven analgesic-antipyretic Paracetamol with decongestant Phenylephrine and an antihistamine Chlorpheniramine maleate. Paracetamol produces analgesia by elevation of the pain threshold and antipyretic effect through action on the hypothalamic heat-regulating center. **Paracetamol** is equal to aspirin in analgesic and antipyretic effectiveness, and it is unlikely to produce many of the side effects associated with aspirin and aspirin- containing products.

Sympathomimetic decongestants reduce the nasal congestion due to increased nasal blood flow associated with colds and influenza. **Phenylephrine** is sympathomimetic vasoconstrictor that has been used as a decongestant. It is a relatively selective alpha-adrenoceptor agonist. The majority of the sympathomimetic action is due to direct stimulation of the adrenoceptors and relatively little is due to an indirect effect via release of noradrenaline. Its pressor action is weaker than that of noradrenaline but of longer duration. At therapeutic doses, it does not cause significant stimulation of the central nervous system.

Chlorpheniramine in **SINAREST Oral Drops** provides prompt relief of itchy-watery eyes, runny nose, sneezing, itching of the nose or throat due to respiratory allergies.

The pharmacokinetics of this combination of **SINAREST Oral Drops** is well matched and synergistic. All the drugs are well absorbed orally.

INDICATIONS

SINAREST Oral Drops is indicated for:

- Relief of nasal and sinus congestion.
- Controls excess mucus production
- Post Nasal Drip condition
- Adjunct with antibacterials in sinusitis, tonsillitis and otitis media

DOSAGE & ADMINISTRATION

The usual recommended dose of **SINAREST Oral Drops** in infants is as follows:

Age group	Dose
1-6 months	0.2 ml tid or qid
7-12 months	0.2-0.4 ml tid or qid
1-2 years	0.4-0.8 ml tid or qid

CONTRAINDICATIONS

The use of **SINAREST Oral Drops** is contraindicated in patients with hypersensitivity to any of the ingredients of the formulation.

PRECAUTIONS

In case a hypersensitivity reaction occurs which is rare, **SINAREST Oral Drops** should be discontinued.

SINAREST Oral Drops contains Paracetamol and therefore should not be used in conjunction with other Paracetamol containing products.

SINAREST Oral Drops should be used with caution in patients with renal or hepatic dysfunction, diabetes mellitus, hyperthyroidism, cardiovascular problems, epilepsy and closed angle glaucoma.

It is advisable not to drive or operate machinery when on treatment with **SINAREST Oral Drops**.

DRUG INTERACTIONS

Clinically significant drug interactions may occur on concomitant administration of **SINAREST Oral Drops** with monoamine oxidase inhibitors, tricyclic antidepressants, beta-adrenergic agents, methyldopa, reserpine and veratrum alkaloids.

ADVERSE REACTIONS

SINAREST Oral Drops is generally well tolerated and adverse events are rare. Hypersensitive individuals may display ephedrine-like reactions such as tachycardia, palpitations, headache, dizziness and nausea. Use of sympathomimetics has been associated with fear, anxiety, restlessness, tremor, weakness, dysuria, insomnia, hallucinations and convulsions. Chlorpheniramine in **SINAREST Oral Drops** may cause sedation.

PRESENTATION

SINAREST Oral Drops is available in 15 ml bottle with a calibrated dropper.