

## **LISTER PLUS**

EUCALYPTUS; MENTHOL; METHYL SALICYLATE; THYMOL; SODIUM FLORIDE

### **Compositions:**

Each 100 ml mouthwash contains-Eucalyptol USP 0.092 gm, Menthol USP 0.042 gm, Methyl Salicylate BP 0.060 gm, Thymol BP 0.064 gm, Sodium Fluoride BP 0.020 gm.

### **Pharmacology:**

Eucalyptol is a natural organic compound which is a colorless liquid. It is cyclic ether and a monoterpenoid. Eucalyptol is an ingredient in many brands of mouthwash and cough suppressant. It controls airway mucus hypersecretion and asthma via anti-inflammatory cytokine inhibition. Menthol: It provides cooling sensation by stimulation of cooling receptor and gives local anesthetic action Methyl Salicylate: It penetrates and reaches at high concentration in pain regions and inhibits the prostaglandin synthesis and relieves pain effectively Thymol, one of the chemicals in thyme, is used with another chemical, chlorhexidine, as a dental varnish to prevent tooth decay. In foods, thyme is used as a flavoring agent. In manufacturing, red thyme oil is used in perfumes. It is also used in soaps, cosmetics, and toothpastes. Fluoride salts are often added to municipal drinking water (as well as certain food products in some countries) for the purposes of maintaining dental health. The fluoride enhances the strength of teeth by the formation of fluorapatite, a naturally occurring component of tooth enamel. Toothpaste often contains sodium fluoride to prevent cavities, although tin(II) fluoride is generally considered superior for this application.

### **Dosage And Administration:**

Adults & children of 6 years & older should use once a day after brushing teeth with toothpaste by vigorously swishing 10ml ( as indicated inside cap) or rinse between teeth for 1 minute & then spit out. Do not swallow. Children less than 6 years of age should use according to the consultancy of dentist or physician.

### **Contraindications:**

Hypersensitivity

### **Warning And Precaution:**

Do not swallow. It is not indicated below 12 years of age. Do not rinses, eat, or smoke for thirty minutes after using a mouthwash. Doing so will diminish the effects of the mouthwash.

### **Side Effects:**

Local irritation of mouth, nausea & vomiting.

### **Use in Pregnancy and Lactation:**

Safe in pregnancy & lactation.

### **Drug Interaction:**

There are no known drug interactions and none well documented.

### **Overdosage:**

undefined

### **Storage:**

Store in a cool (below 25°C) & dry place. Keep out of reach of children.

### **Packing:**

Lister Plus 250 ml Mouthwash: Each bottle contains 250 ml Mouthwash with a measuring

cup.

Manufactured By:  
The IBN SINA Pharmaceutical Industry PLC.  
Shafipur, Gazipur, Bangladesh.