

# Neodrop®

Paediatric Drops

## Description

Neodrop (Simethicone) is used as an antifatulent to relieve symptoms commonly referred to as gas including upper gastrointestinal bloating, fullness or stuffed feeling. The clinical use of Neodrop is based on its antifoam properties. Its defoaming action relieves flatulence by dispensing and preventing the formation of mucous surrounded gas pockets in the gastrointestinal tract. Neodrop acts in the stomach and intestines to change the surface tension of gas bubbles, enabling them to coalesce; thus gas is freed and eliminated more easily by belching or passing flatus. Neodrop aids in the elimination of gas from the gastrointestinal tract and can be used to reduce postoperative gas pains. Neodrop can also be used prior to gastroscopy to enhance visualization and prior to radiography of the intestine to reduce gas shadows.

## Indications

*Flatulence, abdominal distention, fullness, gas and windy colic* : Neodrop (Simethicone) is an excellent and effective antifatulent. It is used for relief of the painful symptoms of excess gas in the digestive tract. Such gas is frequently caused by excessive swallowing of air or by eating foods that disagree. Neodrop especially acts in the stomach and intestines of infants and child. Thus Neodrop enables freeing and eliminating the gas more easily by belching or passing flatus.

*Large bowel preparation* : Addition of Neodrop to a Polyethylene Glycol bowel preparation produces symptomatic improvement prior to investigation in patients undergoing colonoscopy.

*Treatment of poisoning* : Neodrop has an anecdotal use as an antifoaming agent in the management of accidental ingestion of foaming detergents.

## Dosage and Administration

The drug should be taken after meals and at bedtime. It can be given with infant's feeds. Children less than 2 years of age - 20 mg (0.3 ml Neodrop drops) 4 times daily up to 240 mg (3.6 ml Neodrop drops) / day.

Children : 2-12 years of age- 40 mg (0.6 ml Neodrop drops) 4 times daily.  
Adults : 40 - 80 mg (0.6 ml-1.2 ml Neodrop drops) 4 times daily, up to 500 mg (7.5 ml Neodrop drops)/day.

### **Precautions**

Do not exceed 12 doses per day except under the advice and supervision of a physician.

### **Drug Interaction**

There is no evidence that Simethicone modifies the effect of other drugs. The defoaming effect of Simethicone is reduced by antacids such as Aluminium Hydroxide and Magnesium Carbonate, which absorb the Silicone.

### **Side Effect**

Simethicone is physiologically inert and no adverse effect has been noted after oral ingestion.

### **Use in Special Population**

*Pregnancy and lactation* : No data are available to suggest any harmful effects on pregnant women.

### **Commercial Pack**

Neodrop® Paediatric Drops : Bottle containing 15 ml Simethicone drops with a plastic dropper. Each ml drop contains Simethicone USP 67 mg.