

## 1170 sucralfate

- **Recovery:** decreased paralysis of face, diaphragm, leg, arm, rest of body
- **Allergic reactions:** rash, fever, respiratory distress, pruritus; product should be discontinued

**Black Box Warning:** Myopathy, rhabdomyolysis: in pediatric patients (rare)

- Assess temperature for malignant hyperthermia, previous reactions to anesthesia or paralytics
- Reassurance if communication is difficult during recovery from neuromuscular blockade; postoperative stiffness is normal, soon subsides
- **Pregnancy/breastfeeding:** use only if clearly needed; cautious use in breastfeeding, excretion unknown

### Evaluate:


- Therapeutic response: paralysis of jaw, eyelid, head, neck, rest of body

### Teach patient/family

- Reason for product, expected results

## sucralfate (Rx)

(soo-kral'fate)

Carafate, Sulcrate 

*Func. class.:* Protectant, antiulcer

*Chem. class.:* Aluminum hydroxide, sulfated sucrose

**ACTION:** Forms a complex that adheres to ulcer site, adsorbs pepsin

**USES:** Duodenal ulcer, oral mucositis, stomatitis after radiation of head and neck

**Unlabeled uses:** Gastric/aphthous ulcers, gastroesophageal reflux, NSAID-induced ulcer prophylaxis, proctitis, stomatitis, stress gastritis prophylaxis, *C. difficile*

**CONTRAINDICATIONS:** Hypersensitivity

**Precautions:** Pregnancy, breastfeeding, children, renal failure; hypoglycemia (diabetics)

## DOSAGE AND ROUTES

### Duodenal ulcers

- **Adult:** PO 1 g qid 1 hr before meals, at bedtime

- **Child:** PO 40-80 mg/kg/day divided

**Aphthous ulcer/stomatitis (unlabeled)**

- **Adult:** PO 5-10 mL (500 mg-1 g) swished in mouth for several min; spit or swallow qid

**Gastric ulcer/NSAID-induced ulcer prophylaxis/esophagitis/GERD (unlabeled)**

- **Adult:** PO 1 g qid, 1 hr before meals and at bedtime

**Available forms:** Tabs 1 g; oral susp 1 g/10 mL

### Administer:

#### PO route

- Do not crush or chew tabs; tabs may be broken or dissolved in water
- Do not take antacids 30 min before or after sucralfate
- On an empty stomach 1 hr before meals or other medications and at bedtime
- Store at room temperature

### Side effects

**GI:** Dry mouth, constipation

## PHARMACOKINETICS

**PO:** Duration up to 6 hr

## INTERACTIONS

**Decrease:** action of tetracyclines, phenytoin, fat-soluble vitamins, digoxin, ketoconazole, theophylline

**Decrease:** absorption of fluoroquinolones

**Decrease:** absorption of sucralfate—antacids, cimetidine, ranitidine

## NURSING CONSIDERATIONS

### Assess:

- **GI symptoms:** abdominal pain, blood in stools
- **Hypoglycemia:** may occur in patients with diabetes mellitus; monitor blood glucose carefully

### Evaluate:

- Therapeutic response: absence of pain, GI complaints

### Teach patient/family:

- To take on empty stomach
- To take full course of therapy; not to use for >8 wk; to avoid smoking
- To avoid antacids, milk, alkaline water within 1 hr of this product