

mafenide topical

See Appendix B

MAGNESIUM SALTS**magnesium chloride (Rx)**

(12% mg, 9.8 Eq mg/g)

Chloromag, Slo-mag

magnesium citrate (OTC)

(16.2% mg, 4.4 mEq mg/g)

Citrate of magnesia, Citroma, Citromag **magnesium gluconate (OTC)**

(5.4% mg, 4.4 mEq mg/g)

Magtrate, Magonate

magnesium oxide (OTC)

(60.3% mg, 49.6 mEq mg/g)

Mag-Ox 400, Uro-Mag

magnesium hydroxide (OTC)

(41.7% mg, 34.3 mEq mg/g)

Dulcolax magnesium tablets, MOM, Phillips' Milk of Magnesia

 HIGH ALERT**magnesium sulfate (OTC, Rx)**

(9.9% mg, 8.1 mEq mg/g)

Func. class.: Electrolyte; anticonvulsant; saline laxative, antacid**ACTION:** Increases osmotic pressure, draws fluid into colon, neutralizes HCl**USES:** Constipation, dyspepsia; bowel preparation before surgery or exam; anticonvulsant for preeclampsia, eclampsia (magnesium sulfate); electrolyte; cardiac glycoside-induced arrhythmias, nutritional supplement**Unlabeled uses:** Magnesium sulfate: persistent pulmonary hypertension of the

newborn (PPHN), cardiac arrest, CPR, digitoxin/digoxin toxicity, premature labor, seizure prophylaxis, status asthmaticus, torsades de pointes, ventricular fibrillation/tachycardia

CONTRAINDICATIONS: Hypersensitivity, abdominal pain, nausea/vomiting, obstruction, acute surgical abdomen, rectal bleeding, heart block, myocardial damage**Precautions:** Pregnancy (magnesium sulfate), renal/cardiac disease**DOSAGE AND ROUTES****Laxative**

- **Adult: PO** (milk of magnesia) 15-60 mL at bedtime
- **Adult/child >12 yr: PO** (magnesium sulfate) 15 g in 8 oz water; **PO** (concentrated milk of magnesia) 5-30 mL; **PO** (magnesium citrate) 5-10 oz at bedtime
- **Child 2-6 yr: PO** (milk of magnesia) 5-15 mL/day

Prevention of magnesium deficiency (mg of magnesium)

- **Adult/child ≥10 yr: PO** (male) 350-400 mg/day; (female) 280-300 mg/day; (breastfeeding) 335-350 mg/day; (pregnancy) 320 mg/day
- **Child 8-10 yr: PO** 170 mg/day
- **Child 4-7 yr: PO** 120 mg/day

Magnesium sulfate deficiency (mg of magnesium)

- **Adult: PO** 200-400 mg in divided doses tid-qid; **IM** 1 g q6hr × 4 doses; **IV** 5 g (severe)
- **Child 6-12 yr: PO** 3-6 mg/kg/day in divided doses tid-qid

Preeclampsia/eclampsia (magnesium sulfate)

- **Adult: IM/IV** 4-5 g IV infusion; with 5 g **IM** in each gluteus, then 5 g q4hr or 4 g **IV INFUSION**, then 1-3 g/hr **CONT INFUSION**, max 30-40 g/24 hr or 20 g/48 hr in severe renal disease

Persistent pulmonary hypertension of the newborn (PPHN) in mechanically ventilated neonates (unlabeled)

- **Premature infants >33 wk and term neonates: IV** (magnesium sulfate) 200 mg/kg