



# SI-MAG 20 PRODUCT BULLETIN

**CAS NUMBER:** 7487-88-9

**CHEMICAL FORMULA:** MgSO<sub>4</sub> in aqueous solution

**DESCRIPTION:** A clear, water-white to slight amber color, odorless solution made from the reaction of magnesium oxide and sulfuric acid.

**APPLICATION:**

- CA fiber stabilizer in oxygen delignification processes.
- CProduction of magnesium hydroxide.
- CHydrogen peroxide manufacturing.
- CProvides pulp protection and increased efficiency in hydrogen peroxide bleaching.

## CHEMICAL AND PHYSICAL PROPERTIES:

	<b>Typical</b>
*MgSO <sub>4</sub> % by wt.	20
*Specific Gravity @ 25°C	1.22
*pH	6.0
Density (lbs/gal)	10.17
Crystallization Point (°F)	36

\*Certificate of Analysis Properties

**PACKAGING:** 4,500 gallon stainless-steel tank trucks, railcars, intermediate bulk containers, and 55 gallon drums.

## HANDLING & STORAGE:

### Materials of Construction:

Storage tanks – 304 SS, 316 SS, rubber-lined carbon steel, or FRP.

Pumps – 304 SS or 316 SS Teflon lined.

Piping – 316 SS, 304 SS, PVC, FRP, or CPVC.

Storage temperature - 75° F - 100°F

(over)

**SAFETY:**

SI-MAG 20 should be handled in open or well ventilated areas. Eye contact is prevented through the use of safety glasses, goggles, and/or face shield. Copious amounts of water should be used to remove SI-MAG 20. **Do not use this product until the MSDS has been read, understood, and required safety precautions are followed.**

**SHIPPING POINTS:**

Baton Rouge, Louisiana and Chickasaw, Alabama

**DOT MARKINGS:**

Not regulated.

**SALES OFFICE**

For Product Information:

TEL: 662-494-3055

FAX: 662-494-2828

Post Office Drawer 1217

West Point, MS 39773

To Place an Order:

TEL: 800-953-3585

FAX: 800-953-3588

---

IMPORTANT

The information on this Product Bulletin is believed to be accurate but is not warranted to be so. Protective equipment, health effects, and other related safety measures are based on intended and anticipated product use. Recipients are advised to confirm in advance of need that the information is applicable and suitable to their circumstances.