



## Liquid Ferric Sulfate, 50%

### PRODUCT DATA SHEET

#### CHARACTERISTICS

Liquid Ferric Sulfate, 50% is a reddish brown colored liquid. It is an advanced cationic coagulant and flocculant suitable for industrial and municipal water and wastewater treatment applications.

#### NSF/ANSI Standard 60: Drinking Water Chemicals - Health Effects; Certified

#### TYPICAL PROPERTIES

Formula:	Aqueous solution of ferric sulfate	
C.A.S.	10028-22-5 (Ferric sulfate)	
	pH (neat)	1.0 (approx.)
	Specific Gravity @ 70°F (21°C)	1.43 - 1.48
	Freezing Point	Less than -58°F (-50°C)
	Density, lbs/gal., U.S.	11.9 - 12.4
	Soluble Ferric Iron (Fe <sup>+3</sup> ), %	10
	Free Acid, % as H <sub>2</sub> SO <sub>4</sub>	< 3

#### PRODUCT USES

Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge conditioning, compaction and volume reduction. Oily wastewater clarification and dissolved air flotation. Emulsion breaking.

#### SHIPPING CONTAINERS

Bulk transport	Bulk car
275 gal. one way container	55 gal. plastic drum

#### SHIPPING REGULATIONS

DOT Classification: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Ferric Sulfate)  
Hazard Class: 8                      DOT ID Number: UN 3264                      Packing Group: III  
Ferric Sulfate: RQ = 1000 Lbs. (CASRN formula basis)

#### PRODUCT SAFETY INFORMATION

Liquid Ferric Sulfate, 50% can cause irritation and possibly burns to the skin and eyes. Avoid contact with skin, eyes and clothing. Anyone procuring, using or disposing of these products or their containers must be familiar with the appropriate safety and handling precautions. Such information may be found in the **Material Safety Data Sheets (MSDS)** for these products or you may contact General Chemical Technical Service. In the event of an emergency with these products, call the 24 hour **Emergency Number: USA (CHEMTREC) 800-424-9300** or **Canada (CANUTEC) 613-996-6666**. For additional information contact:

Syracuse Technical Center  
(315) 478-2323  
(800) 255-7589 Outside NY

Water Chemicals Group  
(973) 515-0900  
(800) 631-8050 Customer Service