



Liquid Ferric Sulfate, 60%

PRODUCT DATA SHEET

CHARACTERISTICS

Liquid Ferric Sulfate, 60% 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/CAN Standard 60: Drinking Water Chemicals - Health Effects; Certified

TYPICAL PROPERTIES

Formula:	Aqueous solution of ferric sulfate and sulfuric acid		
C.A.S.	10028-22-5 / 7664-93-9 (Ferric sulfate / Sulfuric acid)		
	pH (neat)		1.0 (approx.)
	Specific Gravity @ 21°C (70°F)		1.50 - 1.62
	Freezing Point		Less than -50°C (< -58°F)
	Density, lbs./gal., US		12.5 - 13.5
	Soluble Ferric Iron (Fe ⁺³), %		12
	Free Acid, % as H ₂ SO ₄		Less than 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 US gal. one-way container 55 US gal. plastic drum

SHIPPING REGULATIONS (US DOT / TDG)

Proper Shipping Name:

Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Ferric Sulfate, Sulfuric Acid)

Hazard Class: 8 ID Number: UN3264 Packing Group: II

The EPA reportable quantity (RQ) for ferric sulfate is 1,000 lbs. and for sulfuric acid is 1,000 lbs.

PRODUCT SAFETY INFORMATION

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. Do not breathe mist, spray, or vapors. Wash hands, forearms, and other exposed areas thoroughly after handling. Wear protective gloves, protective clothing, and eye protection. 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 **Safety Data Sheets (SDS)** for these products or you may contact Chemtrade at 416-496-5856. In the event of an emergency with these products, call the 24-hour **Emergency Number: USA and Canada (CHEMTREC) 800-424-9300**. For additional information contact:

Syracuse Technical Center
315-478-2323 or 800-255-7589

Water Treatment Chemicals
Customer Service 844-204-9675