

# 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: C.A.S.

a: Aqueous solution of ferric sulfate and sulfuric acid 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<sup>+3</sup>), % 12 Free Acid, % as H<sub>2</sub>SO<sub>4</sub> 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

#### CHE-7000P

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