



SP 11-96R

COAST GUARD SPECIAL PERMIT 11-96R

This Special Permit is issued pursuant to 46 CFR 148.01-9 of the U.S. Coast Guard (USCG) Carriage of Solid Hazardous Materials in Bulk Regulations to authorize bulk shipments of ferric sulfate or ferric sulfate hydroxide under the conditions described below. This permit does not relieve any shipper or carrier from compliance with any applicable requirement of 46 CFR 148 except as specifically provided for herein.

1. **BASIS** – Kemiron Atlantic Inc. facsimile letter of September 19, 2000.
2. **COMMODITY** -Ferric sulfate or ferric sulfate hydroxide.
3. **PROPER SHIPPING NAME AND UN NUMBER**
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (FERRIC SULFATE or FERRIC SULFATE HYDROXIDE), UN 3077.
4. **REGULATION WAIVED OR AFFECTED** - 46 CFR 148.01-7.
5. **AUTHORIZED HOLDER** – Kemiron Atlantic, Inc., P.O. Box 2247, Savannah, GA 31402.
6. **MODE OF TRANSPORTATION** - Cargo vessel and unmanned barge.
7. **HAZARD CLASSIFICATION**
U.S. DOT: Class 9.
UN/IMO: Not considered dangerous goods.
8. **PROPERTIES** - Ferric sulfate has been designated as a hazardous substance by the U.S. Environmental Protection Agency (EPA). It is an irritant to the skin, eyes and respiratory system and is toxic on ingestion. Ferric sulfate hydroxide may exhibit the same characteristics as ferric sulfate, therefore the same precautions should be taken.
9. **SPECIAL TRANSPORTATION REQUIREMENTS** -
 - a. The shipments must be made to or from a designated waterfront facility that meets the requirements of 33 CFR 126.05(a) or a midstream anchorage acceptable to the cognizant Coast Guard Captain of the Port.
 - b. The cognizant Coast Guard Captain of the Port must be informed at least 24 hours in advance of loading operations.
 - c. The shipper shall inform the master of the vessel or person in charge of the tug or towing vessel of the safety precautions and emergency procedures associated with the shipment of ferric sulfate or ferric sulfate hydroxide.
 - d. When loading a barge, the loading operations must be supervised by a person familiar with the safety precautions and emergency procedures associated with handling ferric sulfate or ferric sulfate hydroxide. The loading and unloading operators must be trained in the appropriate safety precautions and emergency procedures for handling ferric sulfate or ferric sulfate hydroxide.

- e. During loading and unloading operations, smoking, eating and drinking shall be prohibited in the cargo compartment of the barge, the hold of the vessel, on the weather deck of the barge or vessel, and in the vicinity of cargo handling operations.
 - f. Precautions must be taken to minimize personnel exposure to dust, including maintenance of OSHA Permissible Exposure Limits (PELs). Persons working in contact with ferric sulfate or ferric sulfate hydroxide must wear protective clothing and gloves. If clothing becomes contaminated, it must be cleaned before reuse. When necessary, and in accordance with OSHA regulations (29 CFR 1910.134), dust respirators must be worn.
 - g. Each bill of lading, shipping order or other shipping paper issued in connection with ferric sulfate or ferric sulfate hydroxide under the terms herein, must bear the notation "USCG Special Permit 11-96R".
 - h. During loading and unloading operations, dispersal of the ferric sulfate or ferric sulfate hydroxide to the environment must be minimized to the maximum extent possible. Tarpaulins or plastic sheeting must be used over decks and water to collect any spillage of material. The ferric sulfate or ferric sulfate hydroxide must be sufficiently moist during loading and unloading to prevent the generation of dust.
 - i. Whenever ferric sulfate or ferric sulfate hydroxide is being transported by barge, a copy of this permit and the shipper's MSDS must be on board the tug or towing vessel. When the barge is moored, the shipping paper and MSDS must be left on the barge in a suitable location. Whenever ferric sulfate or ferric sulfate hydroxide is transported in a cargo vessel, a copy of this permit and the shipper's Material Safety Data Sheet (MSDS) must be on board the vessel.
 - j. Disposal of cargo residues and contaminated items must be in accordance with applicable EPA and State laws and regulations.
10. **REPORTING REQUIREMENTS** - Any incident or casualty occurring while shipping under the terms of this permit shall be reported in accordance with 49 CFR 171.15 with a copy to the Commandant (G-MSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001, at the earliest practical moment. Any release of ferric sulfate or ferric sulfate hydroxide in excess of its reportable quantity (RQ) shall be reported as required by the EPA regulations in 40 CFR Part 302. In addition, a record of experience under the terms of this special permit including any casualties or difficulties encountered must be sent to the Commandant (G-MSO-3) upon request for renewal.
11. **EXPIRATION DATE** – April 30, 2004.

Authorized by:

R. F. CORBIN
Commander, U.S. Coast Guard
Chief, Hazardous Materials Standards Division
By direction of the Commandant

November 13, 2000

DATE