2612 S. Greeley St., Milwaukee WI 53207 P (414) 486-0528 F (414) 486-0529

ACP 151 Cationic Coagulant

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Distributor:
Advanced Chemical Systems
2612 S. Greeley Street
Milwaukee, WI 53207
Phone: (414) 486-0528
Fax: (414) 486-0529

Emergency Phone:
Infotrac: **1-800-535-5053**

Date Updated: 03/06
Preparer: C. Fox

Description: ACP 151 is a liquid iron (Fe^{+3}) based aqueous high charge density inorganic/organic coagulant blend. The product is designed for use in both industrial and municipal wastewater treatment applications to improve the efficiency of liquid/solid separation processes.

ACP 151 performs well as a primary coagulant over a broad range of treatment applications. When extra weight is needed ACP 151 is known for its ability to increase hardness and aid in settling/dewatering solids. ACP 151 can be used alone or in conjunction with one of the ACS Series of flocculants.

Physical Data:

Appearance:	dark red-yellow
pH (neat):	3-4
Specific gravity (@25ºC):	1.3
Density (lbs/gal):	10.8
Odor:	slight iron/acid

Feed Rate: ACP 151 feed rates will range from 100 to 15,000 ppm. To obtain a more accurate determination of usage rates, consult your Advanced Chemical System's Sales Consultant.

Feed Method: ACP 151 can be fed neat directly from the shipping container into an area with good mixing. The product should be fed through an appropriately sized chemical feed pump with suitable materials of construction including; Polyethylene, Polypropylene, PVC, Teflon, Kynar or Polystyrene. **Stainless steel and carbon steel are not recommended.**

Packaging: ACP 151 is available in 55-gallon drums, 275 and 330-gallon totes.

Storage: ACP 151 should be stored away from heat, strong alkalis and alkali metals. Keep containers closed and dry. Protect containers from physical damage.

Spills: ACP 151 should be contained and disposed of in accordance with local regulations. CAUTION: Spills of this material can be slippery.

Safety: ACP 151 should be handled as any highly acidic materials. Safety goggles, rubber gloves and apron are recommended. In case of contact with skin, flush promptly and thoroughly with clear water for 15 minutes.

IMPORTANT: Read and follow carefully all directions supplied by Advanced Chemical Systems. Advanced Chemical Systems warrants that this material is reasonably fit for the purposes stated in our literature when used in accordance with our written and verbal directions. Under no circumstances shall Advanced Chemical Systems be liable for incidental consequential or other damages from alleged negligence, breach of warranty, strict liability or any other theory arising out of the use or handling of this product. Neither this warranty nor any other warranty of merchant or fitness of purpose, neither express or implied, extends to the use of this material contrary to our directions, or under conditions not reasonably foreseeable by Advanced Chemical Systems.