



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

AC 70 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: 02/05
Preparer: C. Fox

Description: AC 70 is a liquid high charge inorganic cationic coagulant. The product is designed for use in both industrial and municipal wastewater treatment applications to improve the efficiency of liquid/solid separation processes.

AC 70 is especially effective at treating waste streams that contain moderate to high levels of sodium gluconate and phosphoric acid. AC 70 improves settling, effluent clarity and enhances sludge dewatering characteristics. It can be used alone or in conjunction with one of the ACS Series of flocculants.

Physical Data:	Appearance:	clear amber liquid
	pH (neat):	7
	Specific gravity (@25°C):	1.33
	Density (lbs/gal):	11.0
	Odor:	slight amine

Feed Rate: AC 70 feed rates will range from 100 to 5,000 ppm. To obtain a more accurate determination of usage rates, consult your Advanced Chemical System's Sales Consultant.

Feed Method: AC 70 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: AC 70 is available in 55-gallon drums, 275 and 330-gallon totes.

Storage: AC 70 should be stored away from heat. Keep containers closed and dry. Protect containers from physical damage.

Spills: AC 70 should be contained and disposed of in accordance with local regulations.

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 expressed or implied, extends to the use of this material contrary to our directions, or under conditions not reasonably foreseeable by Advanced Chemical Systems.