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ACP 72 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**

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Description: ACP 72 is a liquid high charge inorganic/organic 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.

ACP 72 is especially effective at treating waste streams that contain moderate to high levels of sodium gluconate and phosphoric acid. ACP 72 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):	7-8
Specific gravity (@25°C):	1.24
Density (lbs/gal):	10.3
Odor:	slightly amine

Feed Rate: ACP 72 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: ACP 72 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 72 is available in 55-gallon drums, 275 and 330-gallon totes.
- Storage:** ACP 72 should be stored away from heat. Keep containers closed and dry. Protect containers from physical damage.
- Spills:** ACP 72 should be contained and disposed of in accordance with local regulations.
- Safety:** ACP 72 exhibits a very low order of toxicity and does not present any abnormal problems in its handling or general use. Standard industrial safety procedures should be observed. 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 expressed or implied, extends to the use of this material contrary to our directions, or under conditions not reasonably foreseeable by Advanced Chemical Systems.