



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

ACP 90 Cationic Coagulant

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Distributor:

Advanced Chemical Systems
2612 S. Greeley Street
Milwaukee, WI 53207
Phone: (414) 486-0528
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Preparer: C. Fox

Description: ACP 90 is a specialized liquid aluminum based inorganic/organic cationic coagulant blend. The product is designed for use in a variety of water and wastewater treatment applications.

ACP 90 is a very effective primary coagulant but has proven especially effective at treating wastewater containing printing inks. ACP 90 can be used alone or in conjunction with one of the ACS Series flocculants, such as AP 720 to enhance floc size, density and settleability.

Physical Data: Appearance:	Clear to slightly hazy
Color:	Colorless to light yellow
pH:	2.5 – 3.5 ± 0.3
Specific gravity (25°C/25°C):	1.2 ± 0.010
Density (lbs/gal):	10.0
Odor:	None

Feed Rate: ACP 90 feed rates will range from 100 to 40,000 ppm. For more accurate determination of usage rates, contact your ACS Sales consultant.

Feed Method: ACP 90 is fed directly from the shipping container into an area with good mixing. The pump head, tubing and fittings should be made of appropriate materials of construction including; polyethylene, polypropylene, PVC, Teflon, kynar or polystyrene. **Stainless steel and carbon steel are not recommended.**

Packaging: ACP 90 is available in 55-gallon drums, 330 gallon Totes and bulk quantities.

Storage: Storage for more than six months is not recommended. ACP 90 should be stored at moderate temperatures (40° - 85°F). If frozen, thaw completely and mix thoroughly prior to use.

Handling: Should be handled as any strongly acidic material. Rubber gloves and apron are recommended when handling this material.

First Aid: Flush eyes 15 minutes with water. Flush skin with water and remove contaminated clothing. Do not take internally. DO NOT INDUCE VOMITING.

Note: For additional information see MSDS

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.