



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

## AP 603 Anionic Flocculant

### 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: 12/04  
Preparer: C. Fox

**Description:** AP 603 is a medium molecular weight anionic emulsion flocculant (polymer) designed for use in a variety of industrial and municipal wastewater treatment applications. AP 603 is especially effective as a coagulant aid. The product increases floc size and density improving sedimentation and sludge dewatering characteristics.

<b>Physical Data:</b>	pH	6-8
	Specific Gravity	1.02
	Density (lbs/gal):	8.5
	Appearance	Opaque white liquid

**Feed Rate:** AP 603 feed rates range from 1 to 1,000 ppm. For a more accurate determination of usage rates, contact your Advanced Chemical System's Sales consultant.

**Feed Method:** AP 603 is a concentrate and need to be diluted with clean potable water prior to feeding. Typical dilution rates are .1 - .25%. The product should be fed through an appropriately sized chemical feed pump with a high viscosity pump-head is preferable. Suitable materials of construction include: Stainless Steel, Polyethylene, Polypropylene, PVC, Teflon, Kynar or Polystyrene. In some cases, aluminum and galvanized surfaces can be adversely affected.

**Packaging:** AP 603 is available in 5-gallon pails, 55-gallon drums, 275 and 330-gallon totes.

**Storage:** AP 603 should be kept in a warm, dry place and conditions of extreme temperatures should be avoided. Drums should be kept sealed when not in use. AP 603 has a twelve month shelf life.

**Spills:** AP 603 should be contained and disposed of in accordance with local regulations. Discharges of product to waterways should be avoided since some polymeric products may have an adverse effect on the mucous membranes on fish gills. **Product is slippery when wet.**

**Health & Safety:** AP 603 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.

**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.