



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

## AP 720D 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 720D is a medium molecular weight anionic dry polyacrylamide based polymer used in a variety of industrial and municipal wastewater treatment applications.

AP 720D is especially effective as a coagulant aid. The product increases floc size density improving sedimentation and sludge dewatering characteristics.

|                       |                  |                                       |
|-----------------------|------------------|---------------------------------------|
| <b>Physical Data:</b> | Appearance       | white powder                          |
|                       | Specific Gravity | NA                                    |
|                       | pH @ .5%         | 6-8                                   |
|                       | Flash Point      | >200°F (93°C)-product not combustible |

**Feed Rate:** AP 720D feed rates range from 10 to 1,000 ppm. For a more accurate determination of usage rates, contact your Advanced Chemical System's Sales consultant.

**Feed Method:** AP 720D needs to be diluted with warm clean water. Recommended solution concentrations are as follows:

|                |                                |
|----------------|--------------------------------|
| Stock solution | 0.5%-1% product as supplied    |
| Feed solution  | 0.5%-0.25% product as supplied |

**EXAMPLE: To make 100 gallons of a .2 % solution add 1.66 lbs AP 720D to 100 gallons of water.**

Corrosion toward most standard materials of construction is very low. Stainless steel, fiberglass, polyethylene, polypropylene and rubberized surfaces are recommended. In some cases, aluminum and galvanized surfaces can be adversely affected.

**Packaging:** AP 720D is available in 50-pound fiber drums, 55-pound bags and bulk super sacks.

**Storage:** AP 720D should be in a warm, dry place and conditions of extreme temperatures should be avoided. Packages should be kept sealed when not in use

**Spills:** AP 720D should be contained and disposed of in accordance with local regulations. Discharges of product or solutions of product to waterways should be avoided since some polymeric products may have an adverse effect on the mucous membranes on fish gills.

**Health & Safety:** AP 720D 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.