



ATO FLOC CP 413

DRY POLYACRYLAMIDE PAM CATIONIC

DESCRIPTION

ATO FLOC CP 413 is highly effective cationic flocculant of high molecular weight. **ATO FLOC CP 413** conditions solids for dewatering operations and aid water clarification processes in various industries. **ATO FLOC CP 413** shows exceptional performance in liquid-solid separations in a wide range of shear conditions.

APPLICATIONS

ATO FLOC CP 413 may be beneficial in any liquid-solid separation process. **ATO FLOC CP 413** is especially recommended for:

- Belt filter, centrifuge and screw press dewatering
- Dissolved air floatation
- Filtration
- Thickening
- Water clarification

BENEFITS

- Dry product minimizes storage requirements
- Economical to use – effective at low dosage levels
- Effective high solids removal
- Effective over a wide pH range; does not alter the system pH
- Improves production and cake solids

HEALTH AND SAFETY

Refer to the **atomes** Material Safety Data Sheet for complete safety, health and environmental data before handling these materials.

HANDLING AND STORAGE

Solutions are no more corrosive than water and recommended materials of construction include stainless steel, fiber glass, plastic, and glass or epoxy-lined vessels. Do not use iron, copper or aluminium. Spilled polymer is very slippery and should be collected prior to flushing with water. The shelf life of these products is 24 months when stored in unopened packages in a dry atmosphere at temperatures no higher than 40°C.



PRODUCT ADDITION

Stock solutions can be prepared up to 0.5 % concentration via an automated make down unit or on a batch basis. Solutions should be aged 30-60 minutes for maximum effectiveness. High quality make up water should be used. Secondary dilution water should be added to the stock solution prior to the addition point at a ratio of at least 10:1. Centrifugal pumps should be avoided for polymer transfer.

QUALITY AND REGULATORY

Certified to ANSI/NSF standard 60 by NSF International. Approved by the UK Drinking Water Inspectorate. For chemical inventory regulatory control listing information, see the MSDS.