



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

## BENZO FLOC 90C Plus

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Distributor:

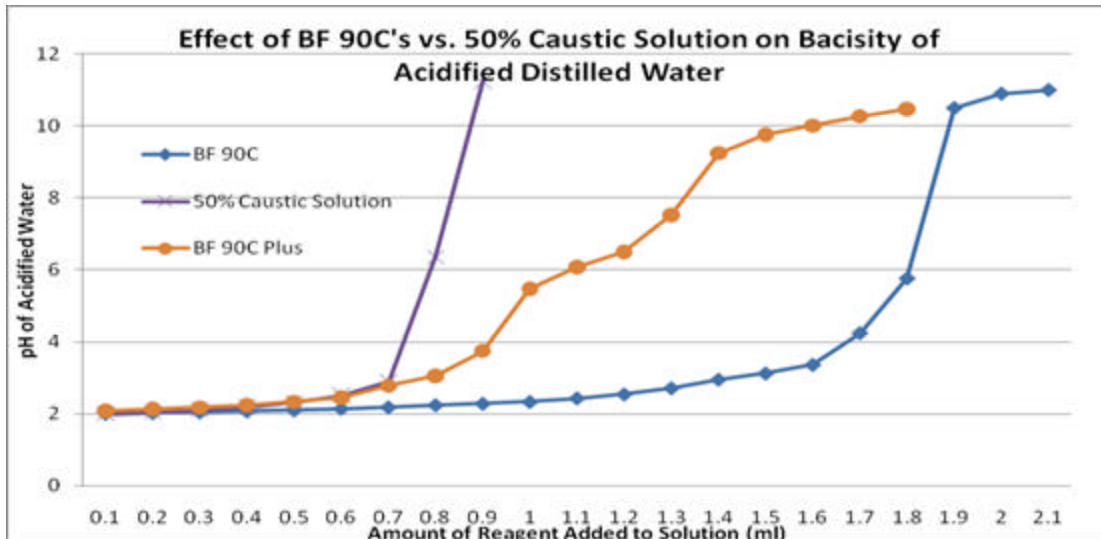
Advanced Chemical Systems  
 2612 S. Greeley Street  
 Milwaukee, WI 53207  
 Phone: (414) 486-0528  
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**Emergency Phone:**  
 Infotrac: **1-800-535-5053**

Date Updated: 09/08  
 Preparer: R. Benson

**Description:** BENZO FLOC 90C Plus is a stabilized slurry of hydroxide salts and organic materials. The product is designed for use in both industrial and municipal wastewater treatment applications.

BENZO FLOC 90C Plus can be used to replace hydrated lime, magnesium hydroxide, or sodium hydroxide in the neutralization of acid waste streams. It also works very well as a substitute for sodium hydroxide as it will quickly raise the pH of a solution before a flocculant is added. The product will precipitate heavy metals, remove phosphorous, absorb and remove silica, aid in clarification, and stabilize sludge.



**Physical Data:** Appearance: white slurry  
pH (neat): 14.0  
Specific gravity (@25°C): 1.2 +/- .02  
Viscosity (Brookfield) 13-20 cps  
Density (lbs./gal.) 10.0  
Odor: slight caustic

**Feed Rate:** BENZO FLOC 90C Plus feed rates will vary depending upon the final pH requirements of the waste-stream. To obtain an accurate determination of usage rates, consult your Advanced Chemical System's Sales Consultant.

**Feed Method:** BENZO FLOC 90C Plus 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; Stainless Steel, Polyethylene, Polypropylene, PVC, Teflon, Kynar or Polystyrene.

**Packaging:** BENZO FLOC 90C Plus is available in 5 gallon pails, 55-gallon drums, 275 and 330-gallon totes.

**Handling:** Do not take internally. In case of contact with skin, flush promptly and thoroughly with clear water for 15 minutes. Should be handled as any highly caustic material. Rubber gloves and apron are recommended when handling this material.

**Storage:** Store away from heat, strong acids. Keep containers closed and dry. Protect containers from physical damage.

**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.