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AN 220 Metal Precipitant

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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Infotrac: **1-800-535-5053**

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Description: AN 220 is a proprietary coagulant/organic sulfide blend. The product is designed for use in industrial applications to precipitate low concentrations of heavy metals in situations where conventional treatment is inadequate.

AN 220 is especially effective in industrial applications where metals are heavily complexed or chelated. It is typically fed in conjunction with an AC series coagulant and AP series flocculant in order to increase sludge density and sedimentation.

Physical Data: Appearance:	Red Liquid
pH (neat) :	12.0 – 12.5
Specific gravity (@25°C):	1.095 +/- .05
Density (lbs/gal):	9.1
Freeze point:	20° F

Feed Rate: AN 220 feed rates will range from 50 to 1,000 ppm. For a more accurate determination of usage rates, consult your Advanced Chemical System's Sales consultant. **Adjust pH above 7.0 prior to addition.**

Feed Method: AN 220 can be fed neat directly from the shipping container into an area with good mixing. The product should be fed through any appropriately sized chemical feed pump with suitable materials of construction including; Polyethylene, Polypropylene, PVC, Teflon, Kynar or Polystyrene. **Stainless steel and carbon steel are not recommended.**

- Packaging:** AN 220 is available in 55-gallon drums, totes and bulk.
- 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 corrosive material. Rubber gloves and apron are recommended when handling this material.
- Storage:** DANGER! KEEP AWAY FROM ACIDS. DO NOT ACIDIFY. Storage for more than six months is not recommended. Keep container tightly closed. AN 220 should be stored at moderate temperatures (40° - 85°F).

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.