



9640 South 60th Street, Franklin WI 53132 P (414) 235-3246 F (414) 235-3179

AN 200 Metal Precipitant

Distributor:

Advanced Chemical Systems
9640 South 60th Street
Franklin WI 53132
Phone: (414) 235-3246
Fax: (414) 235-3179

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

Date Updated: 03/06
Preparer: C. Fox

Description: AN 200 is a 40% aqueous solution of an organic sulfide. The product is designed for use in industrial applications to precipitate low concentrations of heavy metals in situations where conventional treatment is inadequate.

AN 200 is especially effective in industrial applications where metals are heavily complexed or chelated. It is typically fed in conjunction with one of the AC series coagulants and AP series flocculants in order to increase sludge density and sedimentation.

Physical Data: Appearance: yellow-green to amber
pH (neat) : 12.0 – 13.0
Specific gravity (@25°C): 1.15 +/- .02
Density (lbs/gal): 9.6
Freeze point: 20° F

Feed Rate:

	<u>Metal</u>	<u>AN 200</u>		<u>Metal</u>	<u>AN 200</u>
Cadmium (Cd ²⁺)	1.0 mg/l	6.3 mg/l	Lead (Pb ²⁺)	1.0 mg/l	3.4 mg/l
Chromium (Cr ³⁺)	1.0 mg/l	20.6 mg/l	Mercury (Hg ²⁺)	1.0 mg/l	3.5 mg/l
Copper (Cu ²⁺)	1.0 mg/l	11.2 mg/l	Nickel (Ni ²⁺)	1.0 mg/l	12.1 mg/l
Iron (Fe ²⁺)	1.0 mg/l	12.8 mg/l	Zinc (Zn ²⁺)	1.0 mg/l	10.9 mg/l

Feed Method: AN 200 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 200 is available in 55-gallon drums, 275, 330 gallon 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: Storage below 40° F should be avoided as some crystallization of the active ingredient can occur. Proper storage temperature is 40-90°F. Unopened containers can be stored up to 12 months.

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.