



U.S. Fish & Wildlife Service

The Aquatic Animal Drug Approval Partnership Program

Fact Sheet: Copper Sulfate INAD 9101

[For detailed information see INAD Study Protocol]

INAD objective/purpose:	Collect supportive and pivotal data needed to establish the effectiveness of copper sulfate to control external protozoan and metazoan parasites, and bacterial and fungal infections in a variety of warmwater fish species.
Drug name:	Copper sulfate
Source of drug:	Phelps Dodge Refining Corporation
Address:	P.O Box 20001 El Paso, TX 79998
Contact:	David Fisher Phone: 915-775-8853; Fax: 915-775-8350; email: dfisher@phelpsdodge.com
Target pathogen(s):	external parasites, bacteria, and fungi
Method of administration:	Immersion: standing-bath or flow-through treatment
Treatment dosage:	Variable (dependent upon total alkalinity). See Study Protocol for calculations.
Treatment regimen:	Treatment duration is 1 hour. Although a single treatment event is generally efficacious, repeated treatments may be used.
Withdrawal period:	7 days No withdrawal period is required for fish that are not susceptible to legal harvest for a period of 7 days posttreatment.
Required test parameters:	Investigator must collect data indicating pretreatment pathogen level, and pathogen level at 1, 4, and 18 hours posttreatment. Investigator should also report general fish behavior and any adverse effects relating to treatment.
Limitations or restrictions on use of drug:	Investigator must follow all instructions in the Study Protocol for INAD 9101 regarding drug acquisition and handling, fish treatment and disposition, and data reporting requirements. Drug discharge must be in compliance with local NPDES permitting requirements.
Required INAD fee:	None
AADAP Contact Information:	Ms. Bonnie Johnson, FWS-AADAP Phone: 406-994-9905 Fax: 406-582-0242 email: bonnie_johnson@fws.gov
Disclaimer:	Product and company names mentioned in this website, or mentioned in materials accessed via this website, are for informational purposes only. The mention of such does not imply endorsement by the Aquatic Animal Drug Approval Partnership, the U.S. Fish & Wildlife Service or any other organization of the U.S. Government.