



U.S. Fish & Wildlife Service

The Aquatic Animal Drug Approval Partnership Program

Fact Sheet: **AQUI-S[®] 20E INAD 11-741**

INAD objective/purpose: Collect scientific data necessary to establish the effectiveness AND safety of AQUI-S[®] 20E and AQUI-S[®] E as an anesthetic/sedative in a variety of fish species under a variety of environmental conditions.

Drug name: AQUI-S[®] 20E (10% eugenol)

Source of drug: AquaTactics Fish Health / AQATAQ Vaccines

Address: 12015 115th Avenue NE, Suite 120
Kirkland, WA 98034

Contact: Tom Goodrich
Phone: 425-922-4208; Fax: 425-629-8095;
email: tomg@aquatactics.com; website: <http://www.aquatactics.com>

Target pathogen(s): Not Applicable

Method of administration: Immersion; standing bath treatment only

Treatment dosage: 10 – 100 milligram (mg) eugenol/L

Treatment regimen: Treatment duration is up to 15 minutes. Treatment duration will vary dependent upon species, water temperature, and level of sedation desired.
AQUI-S[®] 20E & AQUI-S[®] E should be applied as a single treatment event.

Withdrawal period: 72 hours for hatchery use
Freshwater and marine finfish that are sedated by resource managers as part of field-based fishery management activities can be released **immediately** after treatment. The immediate release provision is for field use only.
No withdrawal period is required for fish that are not susceptible to legal harvest for a period of 72 hours post-treatment. Euthanized fish must not be sent to slaughter or be otherwise available for food.

Required test parameters: Investigator must collect data documenting: 1) time to sedation; and 2) time to recovery from sedation. Investigator must 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 11-741 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: \$700.00/facility/year

AADAP Contact Information: Ms. Bonnie Johnson, FWS-AADAP
Phone: 406-994-9905
email: bonnie_johnson@fws.gov

