

# Definition

## WSDA Criteria for Registration of Spray Adjuvants for Aquatic Use:

The following criteria must be met to register a spray adjuvant for aquatic use in Washington:

- The adjuvant must fulfill all requirements for registration of a food / feed use spray adjuvant in Washington.
- The adjuvant must be either slightly toxic or practically non-toxic to freshwater fish. Rainbow trout (*Oncorhynchus mykiss*) is the preferred test species.
- The adjuvant must be moderately toxic, slightly toxic or practically non-toxic to aquatic invertebrates. Either *Daphnia magna* or *Daphnia pulex* are acceptable test species.
- The adjuvant formulation must contain 9.5% or less alkyl phenol ethoxylates (including alkyl phenol ethoxylate phosphate esters).
- The adjuvant formulation must not contain any alkyl amine ethoxylates (including tallow amine ethoxylates).

Exceptions:

(1) These criteria do not apply to adjuvants that are permitted for use under an aquatic experimental use permit issued by WSDA (WAC 16-228-1460).

(2) These criteria do not apply to adjuvants that are labeled and intended only for the aquatic uses listed in WAC 16-228-1231(2).

(3) On a case-by case basis, WSDA may register spray adjuvants for aquatic use that do not meet one or more of the above criteria if the registrant provides additional data (such as chronic aquatic toxicity studies, product physical characteristics and/or use site characteristics) which demonstrate that the proposed use will not cause unreasonable adverse effects to desirable aquatic species (including fish, aquatic invertebrates, shellfish and amphibians).