



Washington State Department of Agriculture
Pesticide Management Division
1111 Washington Street SE, 2nd Floor
P.O. Box 42589 • Olympia, WA 98504-2589
Telephone: (360) 902-2025 • FAX: (360) 902-2093
E-mail pestreg@agr.wa.gov • Web site agr.wa.gov

GUIDANCE FOR REGISTRATION AND LABELING OF SPRAY ADJUVANTS

Submit a complete application with the following to avoid **delays** in the registration process:

- A **complete and signed** Application For Registration Of Pesticides ([AGR 630-4216](#))
- Spray Adjuvant Product Label(s) in searchable PDF format at 300dpi
- The Safety Data Sheet (SDS) is required for products subject to Globally Harmonized System (GHS) or Supplemental Information for Spray Adjuvant Registration ([AGR 630-4119](#)). The Supplemental is required when the adjuvant is intended for aquatic use or when the product does not require a SDS, such as for consumer products.
- Confidential Statement of Formula(s)(CSF) ([AGR 630-4325](#)) If the adjuvant product is a 100% repack, or if it contains a proprietary component, please ensure that your supplier has submitted the CSF (even if the supplier's CSF is already on file at WSDA.)
- Registration fee of \$390.00 per product for 2 years (\$195.00 if product is registered during 2nd year of cycle.)

Spray Adjuvant/Pesticide registration forms and information are available on the WSDA web site at agr.wa.gov/PestFert/Pesticides/ProductRegistration.aspx#Adjuvants

LABEL ELEMENTS

If the adjuvant product is a repack ensure that your supplier has reviewed your label and that the required label elements are consistent with the Confidential Statement of Formula (CSF) and the Safety Data Sheet (SDS).

Required Label Elements (Refer to [16-228-1400](#) WAC and sample label at the end of this guidance document):

- ① **Product Brand Name**
- ② **Adjuvant Function Statement ***
- ③ **Ingredients Statement****
- ④ **Keep Out of Reach of Children Statement**
- ⑤ **Precautionary Statements: Pictograms, Signal word and Hazard Statements *****
- ⑥ **Directions For Use**
- ⑦ **Aquatic Use Statement******
- ⑧ **Storage and Disposal**
- ⑨ **Product Weight**
- ⑩ **Name and Address of Registrant**

Optional: Washington Registration and Label Identification Code (Revision Date)

For more information on *, **, ***, and ****--see below

***Adjuvant Function Statement** --Must be consistent with the function stated on the CSF and terms from the [ASTM](#) International Standard E1519 and E609. If two or more functions are claimed, then the functions must be listed in descending order. Examples of acceptable functions for spray adjuvants include the following terms: acidifier, activator, antifoaming agent, buffering agent, compatibility agent, defoaming agent, deposition aid, drift control agent, emulsifier, extender, foaming agent, nonionic surfactant, penetrant, petroleum oil, spreader, sticker, surfactant, vegetable oil and wetting agent.

****Ingredients Statement**—The three primary principal functioning agents (PFA) must be listed on the label in descending order. The ingredients on the label must match the chemical name(s) on the CSF. The label must include an accurate percentage statement. The total of active and inert ingredients must equal 100%. The phrase "**Total = 100%**" must be stated below the PFA's and Constituents Ineffective as Spray Adjuvants (CIASA). Products containing petroleum distillates, xylene or xylene range aromatic solvents of at least 10% will be shown immediately below the ingredient statement as a footnote (example: *Contains petroleum distillates).

*****Pictograms, Signal word, and Hazard Statements (First Aid, Precautionary and PPE)**

GHS is the Globally Harmonized System of Classification and Labeling of Chemicals developed to promote a universal standard for hazard communication. If your adjuvant is subject to GHS, then the label must follow the SDS and [WSDA's Guidance on Globally Harmonized System \(GHS\) Implementation for Spray Adjuvants](#). Use the applicable label elements, including hazard pictogram, signal words and hazard statements from your adjuvant's SDS. (For example, "Causes skin irritation.") The hazard statements found on the SDS should be the same ones used on the label. Information about GHS is available from Washington State Department of Labor & Industries (L&I) at www.lni.wa.gov/Safety/Topics/AtoZ/ghs/ or refer to L&I's [Questions and Answers: Hazard Communication Standard](#). Additional information is available from Occupational Safety and Health Administration (OSHA) at www.osha.gov/dsg/hazcom/hazcom-faq.html. Some low level hazardous categories do not require signal words. HazCom 2012 may not apply to consumer products.

If your product is not subject to GHS, then all applicable label elements (signal word, first aid, precautionary language, and storage and disposal) must be consistent with EPA regulations and the results of acute toxicity tests. Product Hazard Signal Words must be assigned based on the results of studies for dermal toxicity, oral toxicity, and eye irritation. The required Signal Word is determined by the most severe toxicity category to which a product is assigned based on the results of applicable acute toxicity studies. Refer to [EPA's Label Review Manual](#), which is available at www2.epa.gov/pesticide-registration/label-review-manual.

******Aquatic Use Restrictions**

Most labels will prohibit aquatic use and include the restriction "**NOT FOR AQUATIC USE**" unless aquatic toxicity data supports this use. If the adjuvant is labeled for aquatic use, aquatic toxicity studies are required for fish and aquatic invertebrates. The preferred fish species is rainbow trout (*Oncorhynchus Mykiss*). WSDA requires the use of EPA Ecological Effects Test Guidelines for fish acute toxicity testing ([OPPTS 850.1075](#)) and aquatic invertebrate acute toxicity testing ([OPPTS 850.1010](#)). WSDA criteria for aquatic use are available on the WSDA web site at [WSDA Aquatic Criteria](#). Test guidelines are available on the EPA web site at [Final Test Guidelines for Pesticides and Toxic Substances](#) at epa.gov/test-guidelines-pesticides-and-toxic-substances/final-test-guidelines-pesticides-and-toxic

WSDA's CONFIDENTIAL STATEMENT OF FORMULA (AGR 630-4325)

All Ingredients must be listed by the common chemical name and include the correct Chemical Abstracts Service (CAS) number. Chemical names and CAS numbers can be found at www.epa.gov/pesticides/inertfinder. Avoid the use of broad chemical or groups names. If the adjuvant product is a 100% repack, or if it contains a proprietary component, please ensure that your supplier has submitted the CSF (even if the supplier's CSF is already on file at WSDA.)

Food or Feed Crops—All ingredients (except water) must be exempt from the requirements of a tolerance if the product is labeled for use on food or feed crops (including most aquatic sites). The chemical name and citation are available on the EPA web site at www.epa.gov/pesticides/inertfinder.

Ingredients not listed in 40 CFR 180--WSDA will consider registration of adjuvants with ingredients that are not listed in 40 CFR 180 if the products are labeled for non-food and non-feed crops only (e.g. forestry, non-cropland ornamental, right-of-way, turf).

WSDA CONTACT INFORMATION

Contact the WSDA Pesticide Registration Section at (360) 902-2025 or email pestreg@agr.wa.gov for additional information. Forms are available on the WSDA web site at agr.wa.gov.

Inquiries regarding the availability of this information in an alternative format should be directed to the WSDA Receptionist at (360) 902-1976, or Telecommunications Device for the Deaf (800) 833-6388.

REQUIRED LABEL ELEMENTS

- 1 Product Brand Name 2 Adjuvant Function Statement 3 Ingredients Statement 4 Keep Out of Reach of Children Statement
5 Precautionary Statements 6 Directions For Use 7 Aquatic Use Statement 8 Storage and Disposal
9 Product Weight 10 Name and Address of Registrant

1 XYZ Premium Spray Adjuvant

2 Nonionic Surfactant

3 PRINCIPAL FUNCTIONING AGENTS:

Table with 2 columns: Agent Name and Percentage. Rows include Alcohol ethoxylate (80.0%), Constituents ineffective as spray adjuvants (20.0%), and Total (100.0%).

Ingredients exempt from the requirements of a tolerance under 40 CFR 180.

4 KEEP OUT OF REACH OF CHILDREN



5 WARNING

WA Reg. No. 00000-00000 (optional)

5 PRECAUTIONARY STATEMENTS

Causes skin irritation. Causes eye irritation. May be harmful if swallowed. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. PERSONAL PROTECTIVE EQUIPMENT (PPE): Wear protective gloves, long-sleeved shirt, long pants and shoes plus socks.

FIRST AID

IF ON SKIN (or hair) remove/take off all contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. IF IN EYES: Immediately flush eyes with water for at least 10 minutes... Have the product container or label with you when calling a poison control center...

ENVIRONMENTAL HAZARDS

Do not contaminate water sources by cleaning of equipment or disposal of wash water.

6 DIRECTIONS FOR USE

XYZ Premium Spray Adjuvant is a general purpose non-ionic surfactant, which can be used with most insecticides, fungicides, herbicides, acaricides, defoliants, desiccants and wettable powders to improve performance of the active spray ingredient...

Table with 2 columns: Applications and This Product per 100 Gallons of Mix. Rows include Insecticides, Fungicides, and Herbicides.

7 NOT FOR AQUATIC USE.

8 STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a dry place. Store in closed container. PRODUCT DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading.

9 Net Contents: 2.5 Gals.

10 Manufactured By: XYZ Chemical Company • 12345 Adjuvant Ave • Anytown, WA 98900 • (800) 000-0000 (optional) Label ID # 56789-0215



WSDA Use Only:

Page of

Washington State Department of Agriculture
Pesticide Management Division
1111 Washington Street SE, 2nd Floor
P.O. Box 42589 • Olympia, WA 98504-2589
Telephone: (360) 902-2025 • FAX: (360) 902-2093
Email pestreg@agr.wa.gov • Web site <http://agr.wa.gov>

SPRAY ADJUVANT CONFIDENTIAL STATEMENT OF FORMULA

Company Name on Application: XYZ Chemical Company	Product Name on Application: XYZ Premium Spray Adjuvant
Company Name (supplier for <u>repacks</u> or <u>components</u> only):	Name of Producer's Product and WSDA Reg # (if applicable):

Principal Functioning Agents (PFA)

Common Chemical Name	CAS Number (Mandatory)	Name of Supplier	Spray Adjuvant Function(s) Performed	Nominal Percentage
Alcohol ethoxylate	68002-97-1	ABC Chemical Company	Non-ionic surfactant	65%
Alkylphenol ethoxylate	9016-45-9	DEF Corporation	Wetting agent; penetrant	10%
Tall oil fatty acids	8002-26-4	DEF Corporation	Emulsifier	5%
				%
Total Percentage of PFA:				80%

Constituents Ineffective as Spray Adjuvants (CIASA)

Common Chemical Name	CAS Number	Name of Supplier	Purpose in Formulation	Nominal Percentage
Glycerin	56-81-5	GHI Inc	Coupling Agent	7%
Water	7732-18-5	Local water supply	Diluent	13%
				%
				%
Total Percentage of CIASA:				20%
Total Percentage of All Ingredients (Must Equal 100%):				100%

Name of Official and Company Name Certifying Formula (print): John Doe Smith, President XYZ Chemical Company	Signature: <i>John Doe Smith</i>	Date: 9/30/2016
---------------------------------------------------------------------------------------------------------------------------	--------------------------------------------	---------------------------

Principal Functioning Agents – Includes all ingredients in the formulation that are performing an adjuvant function.

- **Common Chemical Name and Chemical Abstracts Service (CAS) Number** – Required for all ingredients. If any ingredients are listed by the supplier's brand name, have the supplier submit a CSF and letter of authorization to the WSDA.
- **Name of Supplier** – Include phone number or e-mail contact information.
- **Spray Adjuvant Function(s) Performed** – Defined by the ASTM International (ASTM) or WSDA. Acidifier, antifoaming agent, and nonionic surfactant are examples of adjuvant functions. Information on obtaining ASTM standards is available on the ASTM web site at www.astm.org.
- **Nominal Percentage** – List a specific value for each ingredient in the formulation. Do not list a range of values.
- **Total Percentage of Principal Functioning Agents.**

Constituents Ineffective as Spray Adjuvants – Includes all other ingredients in the formulation.

- **Common Chemical Name and Chemical Abstracts Service (CAS) Number** – Required for all ingredients. If any ingredients are listed by the supplier's brand name, have the supplier submit a CSF and letter of authorization to the WSDA.
- **Name of Supplier** – Include phone number or e-mail contact information.
- **Purpose in Formulation** – Include the purpose for each ingredient. For example, water is a diluent.
- **Nominal Percentage** – List a specific value for each ingredient in the formulation. Do not list a range of values.
- **Total Percentage of Constituents Ineffective as Spray Adjuvants.**

Total Percentage of All Ingredients – Must equal 100%.

WSDA CONTACT INFORMATION

Contact the WSDA Pesticide Registration Section at (360) 902-2025 or email pestreg@agr.wa.gov for additional information. Forms are available on the WSDA web site at agr.wa.gov.