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 707-4216)
☐ 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)
☐ Confidential Statement of Formula(s)(CSF) (AGR 707-4325) If the adjuvant product is a 100% repack, or if the formula contains a proprietary component, please ensure that your supplier has submitted a CSF
☐ 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/departments/pesticides-and-fertilizers/pesticides/spray-adjuvants

LABEL ELEMENTS

Ensure the required label elements are consistent with the Confidential Statement of Formula (CSF) and the Safety Data Sheet (SDS) Suppliers of repacks / brand name products should review the ingredient and function statement on the label prior to the submission of an application by their customer

Required Label Elements (Refer to 16-228-1400 WAC and sample label in this 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. Enter the “Function Statement on Label” from the CSF directly beneath the product name.

Examples of acceptable functions for spray adjuvants include the following terms: acidifier, antifoaming agent, buffering agent, compatibility agent, crop oil, defoaming agent, deposition aid, drift control agent, emulsifier, extender, humectant, nonionic surfactant, penetrant, silicone surfactant, spreader, sticker, surfactant, vegetable oil, water conditioning agent and vetting agent.

**Ingredients Statement—The three primary principal functioning agents (PFA) must be listed on the label in descending order. The ingredients must be listed on the label consistent with WSDA’s Updated Guidance on Spray Adjuvant Ingredient Statements. If applicable, registrants must use the chemical name for acids and ammonium sulfate in the ingredient statement. The chemical name or synonym should be used for an ingredient that is not allowed for use on food crops. A partial list of acceptable chemical names, synonyms, class names, and CAS numbers is available from WSDA upon request.

The label must include an accurate percentage statement. The total percentage of PFA and Constituents Ineffective as Spray Adjuvants (CIASA) must equal 100%. The phrase “Total = 100%” must be stated below the PFA’s and 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 ( e.g., *Contains petroleum distillates).

AGR 707-873 (R/10/20)
***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, OSHA’s Hazard Communication Standard for labels 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. Information about GHS is available from Washington State Department of Labor & Industries (L&I) at www.lni.wa.gov or refer to L&I’s Safety Standards for Hazard Communication. Additional information is available from Occupational Safety and Health Administration (OSHA) at osha.gov/dsg/hazcom/index.html. Some hazard categories do not require signal words.

Hazard communications requirements 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 requirements 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, for more information.

****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. 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. State law requires coverage under an aquatic pesticide permit for all activities that involve the use of pesticides, which includes spray adjuvants. Contact the Washington State Department of Ecology at ecology.wa.gov/Regulations-Permits/Permits-certifications/Aquatic-Pesticide-permits for all requirements related to aquatic pesticide permits prior to use.

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WSDA’s CONFIDENTIAL STATEMENT OF FORMULA (AGR 707-4325)

All Ingredients must be listed by the common chemical name and include the correct Chemical Abstracts Service (CAS) number. A partial list of chemical names and CAS numbers is available from WSDA upon request. Avoid using the chemical class in lieu of the chemical name. If the adjuvant product is a 100% repack, or if it contains a proprietary component, please ensure that your supplier has submitted the CSF. If the supplier has submitted the same CSF to WSDA within the last twelve months, you may submit a letter of authorization from the supplier in lieu of the CSF. If the CSF has more than one page, include the page number at the top of each page, combine and submit as a single document. Alternate formulas are only acceptable if no label revision (e.g., ingredient statement, precautionary statement) are required for the alternate formula. Alternate formulas must be submitted to WSDA prior to distribution. WSDA now has a secure Pesticide Registration CSF Portal in which registrants can upload their Confidential Statement of Formula (CSF) to support a pesticide registration application. **Do not submit a CSF by email, as this is not a secure method of submitting CSFs.**

- **Food or Feed Crops**—All ingredients (except water) must be exempt from the requirements of a tolerance in 40 CFR 180 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 InertFinder online database.

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

WSDA CONTACT INFORMATION

Phone: 360-902-2025  
Email: pestreg@agr.wa.gov  
Web: agr.wa.gov/departments/pesticides-and-fertilizers/pesticides/wsda-contact-information-for-pesticide-registration

Do you need this publication in an alternate format? Contact WSDA at (360) 902-1976, or TTY Relay (800) 833-6388.
XYZ Premium Spray Adjuvant

Nonionic Surfactant

PRINCIPAL FUNCTIONING AGENTS:
Alcohol ethoxylate, alkylphenol ethoxylate, tall oil fatty acids ............................................ 80.0%
CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANTS: ............................................. 20.0%
TOTAL:............................................................................................................................ 100.0%

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

KEEP OUT OF REACH OF CHILDREN

WARNING

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 clothing: remove/take off all contaminated clothing. Rinse skin immediately with plenty of water. If skin irritation occurs, get medical advice.
IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Seek medical attention
IF SWALLOWED, rinse mouth: Obtain immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency.

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

DIRECTIONS FOR USE
XYZ Premium Spray Adjuvant is a non-ionic surfactant and antifoaming agent, which can be used with most insecticides, fungicides, or herbicides, to improve performance of the active spray ingredient by giving them more uniform distribution and better wetting of the plant surface. Always read and follow the label of the pesticide(s) and additive(s) to be used with this product. Follow the most restrictive label.

<table>
<thead>
<tr>
<th>Applications</th>
<th>This Product per 100 Gallons of Mix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insecticides</td>
<td>3 to 8 fluid ounces</td>
</tr>
<tr>
<td>Fungicides</td>
<td>3 to 8 fluid ounces</td>
</tr>
<tr>
<td>Herbicides</td>
<td>1 to 2 pints</td>
</tr>
</tbody>
</table>

NOT FOR AQUATIC USE.

STORAGE AND DISPOSAL
Storage: Store in a cool, dry place. Store in Original container only. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by storage or disposal.
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. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at www.acrecycle.org. Decontaminated containers may also be disposed of in a manner allowed by local, state and federal law.

Net Contents: 2.5 Gals.

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

AGR 707-873 (R/10/20)
**SPRAY ADJUVANT CONFIDENTIAL STATEMENT OF FORMULA (CSF)**

**Check Type(s):**
- [ ] Basic Formulation
- [ ] Alternate Formulation
- [ ] Supplier's CSF for 100% Repack
- [ ] Supplier's CSF for Component(s)

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**Company Name on Application:**
- XYZ Chemical Company

**Other Company Name (for 100% repacks or suppliers of components):**
- XYZ Chemical Company

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**Principal Functioning Agents (PFA)**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Name of Supplier</th>
<th>Labeled Function Claim(s) - ASTM Term(s)</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>68002-97-1</td>
<td>Alcohols, C10-16 ethoxylated</td>
<td>ABC Chemical Company</td>
<td>Nonionic surfactant</td>
<td>65.00%</td>
</tr>
<tr>
<td>9016-45-9</td>
<td>Nonylphenol ethoxylate</td>
<td>ABC Chemical Company</td>
<td>Nonionic surfactant</td>
<td>15.00%</td>
</tr>
<tr>
<td>63148-62-9</td>
<td>Dimethylpolysiloxane</td>
<td>DEF Corporation</td>
<td>Antifoaming agent</td>
<td>0.50%</td>
</tr>
</tbody>
</table>

**Total Percentage of PFA:** 80.50%

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**Constituents Ineffective as Spray Adjuvants (CIASA)**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Name of Supplier</th>
<th>Purpose in Formulation</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-51-7</td>
<td>2-Bromo-2 nitro-1, 3-propanediol</td>
<td>GHI Inc</td>
<td>Preservative</td>
<td>0.04%</td>
</tr>
<tr>
<td>7732-18-5</td>
<td>Water</td>
<td>Local water supply</td>
<td>Diluent</td>
<td>19.46%</td>
</tr>
</tbody>
</table>

**Total Percentage of CIASA:** 19.50%

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**Name of Official and Company Name Certifying Formula (print):**
- John Doe Smith, President   XYZ Chemical Company

**Signature:**
- [ ]

**Date:**
- 10/12/2020

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1. Alternative formulation (e.g. different CAS No. for PFA within same chemical class requires separate CSF)
2. If a tradename is only known for a component, then a complete CSF is required from supplier.