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| **Additive Review Worksheet** |
| This worksheet summarizes the information to be submitted to the WDNR for review of additives. This information is required because additives are approved on a case-by-case basis.  The fields highlighted in orange are required for all additive reviews and are NOT typically found on a safety data sheet (SDS).  The fields highlighted in blue are required for all additive reviews and are typically found on a SDS.  Parts D and E need to be completed **for each species** (e.g. Daphnia -water flea); Pimephales (fathead minnow), etc) for which a toxicity test is conducted.  The fields highlighted in green are NOT typically found on a SDS and are required for toxicity tests conducted when “Other” is selected for Test Method in Part D-1.  If all of the needed information is not provided on the SDS, It is recommended that you contact the chemical distributor and/or manufacturer to obtain the required information. You do not need to conduct the toxicity test if the toxicity information is available on SDS or from the supplier/manufacturer. If the required toxicity data is not provided to the Department, the additive product may not be approved for use.  Note: Toxicity test results must address the ***commercial product formulation***. The commercial product formulation is all active ingredients and any and all carriers, buffering agents, binding agents, and additional materials – the entire product as used. Information related to active ingredient alone is not sufficient**.**  For more information on the additive review process, see the “[*Water Quality Review Procedures for Additives*](http://prodoasjava.dnr.wi.gov/swims/downloadDocument.do?id=117491352)*”* guidance document. |

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| 1. **General Production Information** | | | | | | | | |
| Date of Request: | | |  | | | | | |
| Permittee Facility Name: | | |  | | | | | |
| Product Trade Name: | | |  | | | | | |
| Product Manufacturer: | | |  | | | | | |
| Active Ingredients: | | | | | | | | |
|  | |  |  |  | | --- | --- | --- | | **Ingredient Name\*** | **CAS Number\*\*** | **%wt or % vol** | |  |  |  | |  |  |  | |  |  |  | |  |  |  | | \* Must be provided unless noted to be proprietary information  \*\* If available | | | | | | | | | | |
| Is this product replacing another additive  (if yes, include product name)? | | | | Yes | | No | | |
| Current Product Name: | | | | |
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| 1. **Dosage or Application Information** | | | | | | | | |
| Purpose of additive: | | | |  | | | | |
| Proposed dosage rate: | | | |  | | | | lbs/day |
|  | | | | mg/L |
| Estimated maximum discharge concentration: | | | |  | | | | lbs/day |
|  | | | | mg/L |
|  | | | | | | | | |
| 1. **Toxicity Test Results** | | | | | | | | |
| Test Species | | Toxicity Value Type  (e.g., LC50, EC50, NOAEL) | | | Toxicity Value | | Toxicity Value Units  (e.g., mg/L, µg/L, ppm) | |
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**Print one copy of this page for each species that has been tested.**

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| 1. **Toxicity Test Parameters** | | | | | |
| 1. Parameters needed for **ALL** reviews | | | | | |
| Test species: | Ceriodaphnia species (specify: ) | | | | |
| Daphnia species (specify: ) | | | | |
| Pimephales promelas (fathead minnow) | | | | |
| Lepomis macrochirus (bluegill) | | | | |
| Oncorhynchus mykiss (rainbow trout) | | | | |
| Salvelinus fontalis (brook trout) | | | | |
| Test method: | WI certified WET testing lab/method | | | | |
| EPA method (select from those listed below) | | | | |
| □ Acute-2002.0 | | | □ Chronic-1000.0 | |
| □ Acute-2021.0 | | | □ Chronic-1001.0 | |
| □ Acute-2000.0 | | | □ Chronic-1002.0 | |
| □ Acute-2019.0 | | | □ Chronic-1003.0 | |
| Other (additional information needed; see part D2) | | | | |
| Test type: | Static non-renewal | | Static-renewal | | Flow-through |
| Control response: | ≥ 90% survival | | | | |
| Other (Note: if this is selected, this data cannot be used) | | | | |
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| 1. Parameters needed when using “**other**” test methods | | | | | |
| Dilution water: | | Moderately hard synthetic water | | | |
| Synthetic water | | | |
| Receiving water | | | |
| Ground water | | | |
| Other (Specify: ) | | | |
| Number of test concentrations: | |  | | | |
| Dilution series: | |  | | | |
| Water chemistry analyses  (check all that apply): | | pH | | | |
| Conductivity | | | |
| Hardness | | | |
| Alkalinity | | | |
| Temperature: | | 12±1 °C | | | |
| 20±1 °C | | | |
| 25±1 °C | | | |
| ☐ Other (Specify: ) | | | |
| Number of organisms per test chamber: | |  | | | |
| Number of replicate chambers per concentration: | |  | | | |
| Number of organisms per concentration: | |  | | | |
| Method for calculating the response endpoint: | |  | | | |