



June 26, 2017

Jeff Danko, Environmental Project Geologist
Tyco Fire Protection Products LP
One Stanton Street
Marinette WI 54143

Subject: Department Additive Review of Keyacid Rhodamine WT Liquid
Proposed Dye Testing
Tyco Fire Protection Products LP
Marinette, WI

Dear Mr. Danko:

The Department of Natural Resources (hereafter Department) has reviewed the additive Keyacid Rhodamine WT Liquid for Tyco Fire Protection Products LP (hereafter Tyco). The additive review request was submitted by you and received for approval on April 24, 2017. The Department hereby approves the allowable usage of the additive Keyacid Rhodamine WT Liquid for the purpose of dye testing. This approval was based upon the submitted Additive Review Worksheet, MSDS, and Whole Effluent Toxicity (WET) Test Report Form for this product.

The calculated secondary acute value (SAV) for Keyacid Rhodamine WT Liquid is 64.9 mg/L. The SAV represents the daily maximum discharge limit of the additive. The concentration of Keyacid Rhodamine WT Liquid shall not exceed 64.9 mg/L at any time in the discharge to surface water. This approval is only for Keyacid Rhodamine WT Liquid. If Tyco wishes to use another type of Rhodamine WT Liquid prior Department approval is required. The additive review request shall include the following information:

Product Information: - Product trade name & manufacturer
- Product chemical name (if available)
- Product active ingredients including CAS numbers of product components (if available)

Application Information: - Proposed application rate (lb/acre or lb/acre-ft)

Toxicity test Results*: - LC50 or EC50 for one of the acceptable species

Toxicity test Parameters: - Test duration and endpoint
- Test method**
- Exposure format**
- Control response**

*The toxicity testing must be conducted on the commercial product formulation which includes all active ingredients and any and all carriers, buffering agents, binding agents, and additional materials. Toxicity data for only the active ingredient(s) are not acceptable.

** This information is typically not included in a SDS. Consultation with the product supplier and/or manufacturer may be needed to obtain this information.

Please note that the additive review worksheet can be used to assist in compiling the above information.

If you have any questions please contact me by email: Trevor.Moen@Wisconsin.gov or by phone: (608) 266-3906.

Sincerely,

Trevor Moen

Trevor Moen
Wastewater Engineer
Bureau of Water Quality

Cc: Mark Stanek – DNR Oshkosh Service Center (via email)
Kristin DuFresne – DNR Green Bay Service Center (via email)
Brian Austin – DNR Central Office (via email)
Permit File (WPDES Permit No. WI-0001040-07-0)