

**LONG TERM RETARDANT  
TECHNICAL DATA SHEET - Part 1**  
Ref: FSM 5160

**Product Name:** \_\_\_\_\_

**Submitting Company:** \_\_\_\_\_

**Formulation Identification:** \_\_\_\_\_

**Mix Ratio Range:** \_\_\_\_\_ lb/gal H<sub>2</sub>O      **OR**      \_\_\_\_\_ gal/gal H<sub>2</sub>O (Fill in one blank.)

**PHYSICAL PROPERTIES OF THE CONCENTRATE (IF LIQUID) AND MIXED PRODUCT**

|  | <u>Wet Concentrate</u>  | <u>Mixed Product</u><br>(Over Mix Ratio Range) |
|--|-------------------------|--|
| Density: 70 °F   | _____ g/cm <sup>3</sup> | _____ g/cm <sup>3</sup>                        |
| Density: 50 °F   | _____ g/cm <sup>3</sup> | _____ g/cm <sup>3</sup>                        |
| Density: 90 °F   | _____ g/cm <sup>3</sup> | _____ g/cm <sup>3</sup>                        |
| Viscosity 70 °F  | _____ centipoise        | _____ centipoise                               |
| <i>Measure viscosity using a Brookfield rotational viscometer (or equivalent) at 60 rpm. Use spindle 2 for viscosities between 1 and 500 centipoise and spindle 4 for viscosities greater than 500 centipoise.</i> |                         |  |
| pH 70 °F   | _____                   |  |
| Freezing Temperature   | _____ °F                | _____ °F                                       |

**Describe the recommended method for the laboratory preparation of the product, including any necessary equipment, techniques, or precautions during blending, mixing, or handling the concentrate or mixed product. (Attach a separate sheet or laboratory bulletin if needed.)**

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**Describe field mixing, handling, packaging and proposed hardware. (Attach a separate sheet or equipment bulletin if available.)**

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