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| **Long Term Retardant****Technical Data Sheet - Part 1**Ref: FSM 5160 |
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| **Product Name:**  |       |
| **Submitting Company:** |       |
| **Formulation Identification:** |       |
| **Mix Ratio Range:**  |       | lb/gal H2O  | **OR** |       | gal/gal H2O (Fill in one blank.) |
| **Physical Properties of the concentrate (if liquid) and mixed product** |
|  | Wet Concentrate | Mixed Product**(Over Mix Ratio Range)** |
| **Density:**  | **70 °F** |  |       | g/cm3  |       | g/cm3  |
| **Density:**  | **50 °F** |  |       | g/cm3  |       | g/cm3  |
| **Density:**  | **90 °F** |  |       | g/cm3  |       | g/cm3  |
| **Viscosity** | **70 °F** |  |       | centipoise |       | centipoise |
| *Measure viscosity using a Brookfield rotational viscometer (or equivalent) at 60 rpm. Use spindle 2 for viscosities between1 and 500 centipoise and spindle 4 for viscosities greater than 500 centipoise.* |
| **pH** | **70 °F** |  |       |  |       |  |
| **Freezing Temperature** |  |       | °F |       | °F |
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| **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.)*      |
| **Describe field mixing, handling, packaging and proposed hardware***. (Attach a separate sheet or equipment bulletin if available.)*      |

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