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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Long Term Retardant**  **Technical Data Sheet - Part 1**  Ref: FSM 5160 | | | | | | | | | | |
|  | | | | | | | | | | |
| **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 |
|  | | | | | | | | | | |
| **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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