

**LONG TERM RETARDANT  
MIXING AND HANDLING REQUIREMENTS  
TECHNICAL DATA SHEET**  
(Ref: FSM 5160)

**PRODUCT NAME:** \_\_\_\_\_

**SUBMITTING CO.:** \_\_\_\_\_

**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> (Over Mix Ratio Range)
Density: 70 °F	_____ g/cm <sup>3</sup>	_____ g/cm <sup>3</sup>
50 °F	_____ g/cm <sup>3</sup>	_____ g/cm <sup>3</sup>
90 °F	_____ g/cm <sup>3</sup>	_____ g/cm <sup>3</sup>
Viscosity at 70 °F <sup>1</sup>	_____ centipoise	_____ centipoise
pH at 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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<sup>1</sup> 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.