

**Bisulfite Relaxer No. 281**

		<b>Wt.%</b>
<b>A</b>	<b>VEEGUM® HS</b> Magnesium Aluminum Silicate	2.0
	Water	57.0
<b>B</b>	Cetyl Alcohol	10.0
	Petrolatum	5.0
	Mineral Oil	5.0
	Glyceryl Stearate (and) PEG-100 Stearate (Arlacel® 165 VEG <sup>1</sup> )	5.0
<b>C</b>	Ammonium Carbonate	4.0
	Water	10.0
	Sodium Bisulfite	2.0
<b>D</b>	Preservative	q.s.

**Procedure:** While heating the water to 75-80°C, slowly add the **VEEGUM® HS** while agitating at maximum available shear. Continue mixing until fully hydrated. Blend the Part B oil phase ingredients and heat to 70°C. Add the oil phase to the water phase with good agitation; mix until uniform. Cool with mixing. Prepare Part C by dissolving the ammonium carbonate in the water and slowly adding the sodium bisulfite (it will foam & bubble). Stir gently until the solution is clear. Slowly add Part C when the emulsion is 40°C; mix until uniform. Add Part D.

**RAW MATERIAL SUPPLIERS**<sup>1</sup>Croda Inc., Edison, NJ**TRADEMARKS****VEEGUM** is a registered trademark of Vanderbilt Minerals, LLC.

Arlacel is a registered trademark of Uniqema Americas LLC.

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