



FLOZEIN PRODUCTS
a Flo Chemical Corporation company

AquaZein Use Instructions

AquaZein is a ready-to-use formulation

Applying on Material

To apply AquaZein, warm the suspension to 30° C and spray the suspension onto the material to be coated. Small pieces are usually panned.. AquaZein can be painted onto larger pieces.

Drying will be accelerated if (i) a warm air stream blows over the just-coated material, (ii) the materials to be coated are warm, and (iii) a vacuum exhaust is used.

Applying a Flavor

Add the flavor to the AquaZein solution. We recommend using a liquid flavor. Apply AquaZein as recommended above.

Applying a Color

Add the color to the AquaZein solution. We recommend using a liquid color. Apply AquaZein as recommended above.

Directions to convert 5 gallons of AquaZein 10% to 6.1 gallons of AquaZein 14%

1. Mix 574 ml of concentrated ammonium hydroxide with 2.45 liters of water.
2. Heat 5 gallons of AquaZein 10% to 60° C. Keep covered to reduce evaporation loss.
3. Heat the ammonium hydroxide/water solution to 60° C. Keep covered to reduce evaporation loss.
4. Mix the Aqua Zein 10% and the ammonium hydroxide water solution together.
5. Using a mixer that will create a vortex, slowly add 1.416 kg of Zein to the vortex.
6. When all of the Zein has dissolved, use the warm solution within an hour or cool the solution to room temperature for storage.

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World Leading Producer of Zein

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