Application Data Sheet: Mixing & Blending

End User	_____	Contact	_____
Address	_____	Title	_____
	_____	Phone	_____
	_____	Email	_____

End Product

Description _____

Total Quantity _____ ☐ lbs ☐ gal   Does the end product tend to foam?

Max Viscosity _____ cP @ _____ °F   ☐ No   ☐ A Little   ☐ A Lot

Density _____ lbs/gal   Is the end product abrasive?

Process Temp _____ °F   ☐ No   ☐ Slightly   ☐ Very

Max Temp _____ °F

Flow Properties similar to: _____

Liquid Ingredients

	Description	Qty (gal)	Density (lbs/gal)	Viscosity (cP)
Base Fluid				
Liquid 1				
Liquid 2				

Dry Ingredients

	Description	Qty (lbs)	Bulk Density (lbs/ft3)	Soluble (y/n)
Powder 1				
Powder 2				
Powder 3				
Powder 4				
Powder 5				

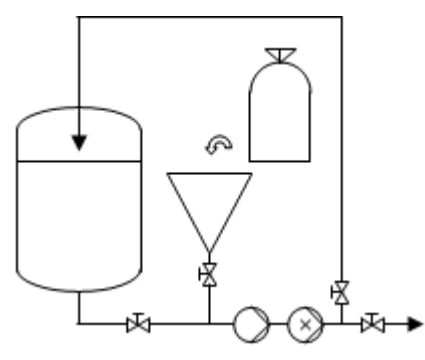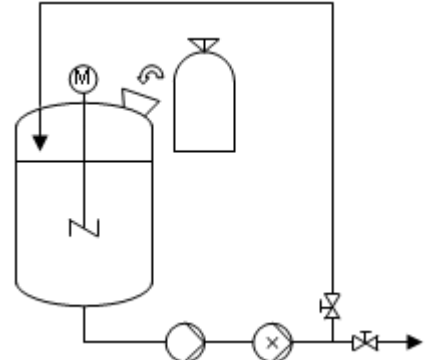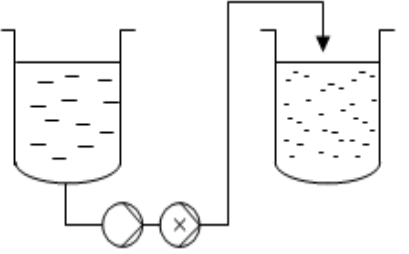## Other Ingredients

_____

_____

_____

Fristam Pumps USA
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www.fristam.com/usa

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Electrical Requirements

Voltage _____ Phase _____ Hz _____

Enclosure Type _____

Process Requirements

☐ **Process: Powder Induction**
Inline addition of solids via hopper.

☐ **Process: Finish Mixing**
Addition of ingredients into the holding tank.

☐ **Process: Blending**
Single pass homogenization of a mixture out of a holding tank.

☐ Dispersing   ☐ Dissolving   ☐ Emulsifying   ☐ Reducing   ☐ Smoothing

Process Parameters

Batch Size _____ gal   Flow Rate _____ gpm

Batch Process Time _____ min   Max Pressure _____ psi

Current Process, Issues and Concerns (Attach Drawing or Pictures)

Process Objective

Purchase Timeline   ☐ 0-30 days   ☐ 60 days   ☐ 90 days   ☐ +90 days

Project Budget _____