PILOT® CHEMICAL COMPANY

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FORMULARY SHEET

1000-81-1B

# Laundry with High Biobased Content*

| INGREDIENT | DESCRIPTION | % w/w |
|---|---|---|
| Methocel 856 0.5% | | To 100% |
| CalNext™ IOS-50 | Internal Olefin Sulfonate | 8.0 |
| Calfoam® SLS-30 | Sodium Lauryl Sulfate | 13.3 |
| Masopon® 215 | Alkyl Polyglucoside | 8.1 |
| Caloxamine LO | Lauramine Oxide | 6.7 |
| Sodium Citrate | | 1.0 |
| Baypure CX-100 | Tetrasodium Iminodisuccinate | 1.0 |
| Citric acid, 10% | | 1.0052 |

## Procedure:

(I) Create a 0.5 wt.% methocel in water solution and heat to between 60 to 80 °C and mix until homogenous.

(II) Add all ingredients in the order listed with continuous mixing. Mix well after each ingredient is added until a clear, smooth, homogenous batch is obtained that is free of lumps and particles.

### Typical Properties

| | |
|---|---|
| Appearance | Clear, colorless |
| pH | 8.94 |
| Viscosity | 685 |
| % Solids | 16.41 |

* Based on estimated % Biobased Carbon = Biobased Carbon of surfactants / Total Carbon of surfactants X 100

Note that Biobased Carbon estimated for cleaning surfactants only; ignored other ingredients.

*The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confirm the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued.*