



**Suga<sup>®</sup>Sperse**  
APE-Free, Natural  
Surfactants for  
Pigment Dispersion

*Effective May 2021*



**Colonial  
Chemical**

**Suga®Sperse** products are naturally-based dispersants that aid in wetting and dispersion of pigments in aqueous coatings. They are derived from alkyl glucoside chemistries and offer formulators more sustainable advantages than typical surfactants. Suga®Sperse dispersants stabilize pigment particles and offer good wetting for lower surface tension than that of the pigment.

Advantages that Suga®Sperse surfactants offer formulators are:

- Naturally-derived, high biobased chemistries
- Free of alkyl phenol ethoxylates (APEO)
- 1,4-dioxane free
- VOC-free
- Biodegradable
- Aids in wetting and dispersion of pigments in aqueous coatings
- Effective dispersant for pigment concentrates
- Provides reduction in viscosity
- Improved processing times
- Easy and safe to process and handle
- Increased pigment loading

Product Name	Chemistry	% Solids	Usage	Pigment Type
<b>Suga®Sperse 90P</b>	Poly Alkyl Glucoside Sorbitan Oleate	65.0 – 68.0	5-20%	Organic
<b>Suga®Sperse 60P</b>	Poly Alkyl Glucoside Sorbitan Oleate	65.0 – 70.0	5-20%	Organic
<b>Suga®Sperse 16P</b>	Poly Alkyl Glucoside Sulfonate	39.0 – 41.0	1-5%	Inorganic
			10-25%	Organic
<b>Suga®Sperse 86P</b>	Poly Alkyl Glucoside Phosphate	39.0 – 41.0	1-5%	Inorganic
<b>Suga®Sperse 16</b>	Alkyl Glucoside Sulfonate	39.0 – 41.0	1-5%	Inorganic
			10-25%	Organic
<b>Suga®Sperse 10</b>	Alkyl Glucoside Phosphate	39.0 – 41.0	10-25%	Organic

Product Name	Benefits
<b>Suga®Sperse 90P</b>	100% naturally-derived nonionic emulsifier; readily biodegradable, APEO free
<b>Suga®Sperse 60P</b>	100% naturally-derived APG Sorbitan Oleate; stable in wide pH range (pH 2-12), APEO free
<b>Suga®Sperse 16P</b>	100% natural anionic alkyl glucoside polymer; readily biodegradable, APEO free
<b>Suga®Sperse 86P</b>	100% naturally-derived alkyl polyglucoside phosphate and wide pH stability; rapid wetting, APEO free
<b>Suga®Sperse 16</b>	100% naturally-derived alkyl glucoside sulfonate; EO-free, readily biodegradable, stable in both alkaline and acidic environments, APEO free
<b>Suga®Sperse 10</b>	100% biobased, EO/PO-free, readily biodegradable, rapid wetting, stable in both alkaline and acidic environments



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