



PRODUCT SPECIFICATIONS

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a **Cargill** company



Product Name: Floraspheres® Jojoba Standard Sizes & Colors
Botanical Origin: *Simmondsia chinensis*
Description: Soft microspheres
Particle Size (approximate): SMS or SMH (300-700 microns), MDS or MDH (800-1200 microns), LGS or LGH (1300-1700 microns)
Product Code: F2S / (Particle Size Code) / (Color Code)

<u>Specification</u>	<u>Method</u>	<u>Units</u>	<u>Range</u>	
			<u>Min</u>	<u>Max</u>
Odor	TW71			Typical
Absence of Microbial Contamination	TW26	CFU/g	0	100
Dropping Point	TW68	°C	50	---

Composition by INCI Name

Jojoba Esters
Pigment - See below for specific composition based on color

<u>Color</u>	<u>Color Code</u>	<u>Pigment (INCI Name)</u>	<u>Approx. Wt. %*</u>
Apache Rose	20	Red 30 (and) Talc (0.5-2%)	Remainder
Arizona Sky	49	Titanium Dioxide (0.1-0.5%), Blue 1 Lake (0.05-0.5%), Yellow 5 Lake (0.01-0.1%)	See below
Brick Red	76	Iron Oxides (1-2%)	
Burnt Orange	68	Iron Oxides (0.1-1%), Red 30 (and) Talc (0.1-1%)	
Cafe Ole	34	Iron Oxides (0.1-1%)	
Desert Rose	23	Red 30 (and) Talc (0.01-0.5%), Ferric Ferrocyanide (0.01-0.3%)	
Evergreen	66	Chromium Oxide Greens (1-3%)	
Iron Blue	48	Ferric Ferrocyanide (0.5-2%)	
Jade	31	Chromium Hydroxide Green (1-4%)	
Jasmine	55	Ultramarines (0.1-2%), Red 30 (and) Talc (0.1-1%)	
Lapis	11	Ultramarines (1-4%)	
Maize	64	Iron Oxides (0.1-1%)	
Merlot	81	Red 30 (and) Talc (0.1-2%), Ferric Ferrocyanide (0.01-0.5%)	
Oasis Verde	30	Chromium Hydroxide Green (0.1-0.5%), Yellow 5 Lake (0.01-0.5%), Ferric Ferrocyanide (0.001-0.01%)	
Onyx	51	Iron Oxides (1-2%)	
Sapphire	78	Ferric Ferrocyanide (0.1-1%)	
Sunburst Orange	45	Red 30 (and) Talc (0.1-1%), Yellow 5 Lake (0.1-1%)	
Tequila Sunrise	26	Red 30 (and) Talc (0.1-1%), Iron Oxides (0.01-0.1%)	
Tiger Lily	58	Titanium Dioxide (0.5-1.5%), Red 30 (and) Talc (0.1-1%), Yellow 5 Lake (0.1-1%)	
Topaz	41	Yellow 5 Lake (0.1-1%)	
White (Natural)	05	None	

* Pigment loading (approx. wt. %) may vary slightly to maintain consistent color.

Some pigments may be unstable in low pH solutions or when exposed to concentrated chemicals such as acids, alkali, and surfactants. Floratech recommends that all formulas are tested for color stability.

Shelf Life/Retest Interval: 1 year

Specification properties are verified on every product lot.
Product samples are exempt from warranties.

Revised Date: August 2021 Revision Level: d
TW Method: Floratech Methods

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