COLOR COSMETICS
FLEXIBILITY AND VERSATILITY

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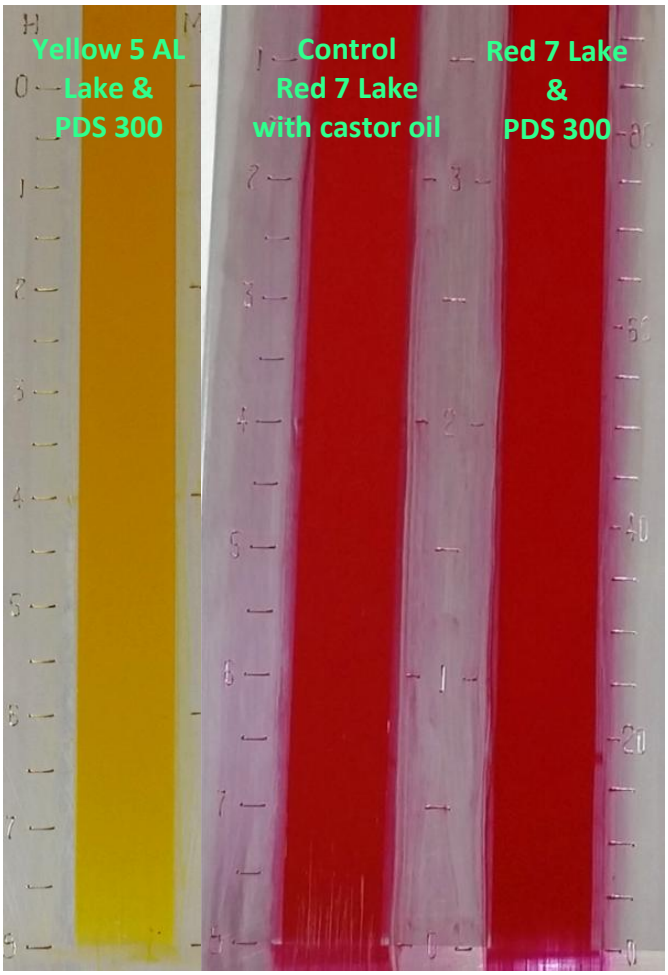
applechem
create possibilities

Maxperse! 50-58% Organic Pigment Stock Paste

Applecare PDS 300: easy- to- use, completely natural pigment dispersion system with high quality and stability. This enables higher particle to particle collision, resulting in shorter milling time, smaller particle size, along with brighter, intense and homogenous color throughout the system.

Worry-free stability – Premade paste with homogenous pigment distribution in the system produces a separation-free, high efficacy production in production plant. Make it once, store it and use it for many production batches without the need of remixing.

Very Low Usage for High Pigment Load – Applecare PDS 300 enables very high pigment loading while maintaining a low viscosity flow, allowing effective and easy pigment grinding. Moreover, the usage level is only ***5-8 % of the total pigment weight***, resulting in a typical usage rate of only 3-5%. This versatile product works with all manner of pigments and fillers.



#	INCI Name	Control Wt%	Red 7 Lake Wt %	Yellow 5 Lake Wt %
1	D&C Red 7 Lake	50.0	50.0	
2	FD&C Yellow 5 AL Lake			57.5
3	**Applecare PDS 300**		**3.00**	**2.76**
4	Capric Caprylic Tri Glycerides		47.0	39.7
5	Castor oil	50.0		

***Process*:**

1. Mix and heat # 3-4/#5 at 70 C.
2. Slowly add #1/2 at 70 C at 800-1000 rpm for 20 minutes.
3. Use 3 roll-mills to grind the dispersion twice (gap ratio 7:3 then 3:1).