



## INGREDIENTS

Water, Diheptyl succinate (and) Capryloyl Glycerin/sebacic acid Copolymer, Propanediol, Sorbitan Stearate (and) Sorbityl Laurate, Bismuth Oxychloride (CI 77163) (and) Iron Oxides (CI 77492) (and) Isododecane (and) Copernicia Cerifera (Carnauba) Wax (and) Butyrospermum Parkii (Shea) Butter, Cetearyl Alcohol, Bismuth Oxychloride (CI 77163) (and) Titanium Dioxide (CI 77891) (and) Isododecane (and) Copernicia Cerifera (Carnauba) Wax (and) Butyrospermum Parkii (Shea) Butter, Mica (and) Titanium Dioxide (CI 77891) (and) Iron Oxides (CI 77491), Mica (and) Titanium Dioxide (CI 77891) (and) Tin Oxide, Styrene/Maleamide Copolymer, Sorbitan Laurate, Propanediol (and) Phenethyl alcohol (and) Undecyl alcohol (and) Tocopherol, Synthetic Fluorphlogopite (and) Titanium Dioxide (CI 77891) (and) Tin Oxide, Bismuth Oxychloride (CI 77163) (and) Iron Oxides (CI 77492) (and) Isododecane (and) Copernicia Cerifera (Carnauba) Wax (and) Butyrospermum Parkii (Shea) Butter, Mica (and) Lauroyl Lysine, Synthetic Fluorphlogopite (and) Titanium Dioxide (CI 77891) (and) Iron Oxides (CI 77491) (and) Tin Oxide, Xanthan Gum

## WHY AM I SPECIAL?

Xicare™ 1305 eliminates the use of volatile silicones, hydrocarbons, and alkanes by dispersing pigments in water rather than in oil. Oxide pigments are very hard to disperse in water without Xicare™. It allows for the formulation of a wide range of O/W liquid color products with wider aesthetic variations that are easier to manufacture.

## NEED SAMPLES?

ACT Solutions Corp  
 Web: [www.ACTSolutionsCorp.com](http://www.ACTSolutionsCorp.com)  
 Email: [info@actsolutionscorp.com](mailto:info@actsolutionscorp.com)

# Liquid Highlighter

ACTS|21609

## WHAT AM I ?

Illuminating liquid highlight drops with a high shine, golden finish.

## FORMULA

PHASE	%	TRADE NAME	INCI	SUPPLIER	FUNCTION
A	56.48	Water	Water		Solvent
B	1	Xicare™ 1305	Styrene/Maleamide Copolymer	Orbiscope	Dispersant
B	1	Span 20	Sorbitan Laurate	Croda	Emulsifier
C	1	Pearlflake White	Bismuth Oxychloride (CI 77163) (and) Titanium Dioxide (CI 77891) (and) Isododecane (and) Copernicia Cerifera (Carnauba) Wax (and) Butyrospermum Parkii (Shea) Butter	Presperse	Pigment
C	1.25	Pearlflake Yellow	Bismuth Oxychloride (CI 77163) (and) Iron Oxides (CI 77492) (and) Isododecane (and) Copernicia Cerifera (Carnauba) Wax (and) Butyrospermum Parkii (Shea) Butter	Presperse	Pigment
C	0.5	Pearlflake Bronze	Bismuth Oxychloride (CI 77163) (and) Iron Oxides (CI 77492) (and) Isododecane (and) Copernicia Cerifera (Carnauba) Wax (and) Butyrospermum Parkii (Shea) Butter	Presperse	Pigment
C	1	Arcop pearl Pure 1060T-BGA	Mica (and) Titanium Dioxide (CI 77891) (and) Iron Oxides (CI 77491)	Presperse	Pigment
C	0.5	Mearimica SV	Mica (and) Lauroyl Lysine	BASF	Pigment
C	1	Arcop pearl Pure 1060SR	Mica (and) Titanium Dioxide (CI 77891) (and) Tin Oxide	Presperse	Pigment
C	0.5	Arcop pearl Sparkle 411	Synthetic Fluorphlogopite (and) Titanium Dioxide (CI 77891) (and) Iron Oxides (CI 77491) (and) Tin Oxide	Presperse	Pigment
C	.75	Arcop pearl Sparkle 400	Synthetic Fluorphlogopite (and) Titanium Dioxide (CI 77891) (and) Tin Oxide	Presperse	Pigment
D	0.3	Keltrol CG	Xanthan Gum	CP Kelco	Polymer
D	5	Zemea®	Propanediol	DuPont Tate & Lyle	Humectant
E	3	Arlacel LC	Sorbitan Stearate (and) Sorbityl Laurate	Croda	Emulsifier
E	1	Cetearyl Alcohol	Cetearyl Alcohol	Noble Roots	Emollient
F	20	LexFeel N5	Diheptyl succinate (and) Capryloyl Glycerin/sebacic acid Copolymer	Inolex	Emollient
G	0.8	Sensiva PA30	Propanediol (and) Phenethyl alcohol (and) Undecyl alcohol (and) Tocopherol	Schulke	Preservative

## PROCEDURE

1. Premix B and add to A until uniform
2. Add C to A/B with propeller stirring
3. Heat A/B/C to 80°C with stirring
4. Homogenize A/B/C
5. Premix D and add to A/B/C while maintaining heat
6. Add E to A/B/C/D while maintaining heat until dissolved
7. Remove from heat and continue stirring
8. At 60°C, add F
9. When below 45°C, add G

## FUN FACTS ABOUT ME

pH: 7.0  
 Viscosity: 4000 mPa·s