

## Formulation guideline

Market: Cosmetics  
 Product: Liquid Eyeliner  
 Code: GL-241031  
 Special effect pigment: Geoparl C Crystal Super Deep Purple



Product name	INCI name	% WT.	Supplier
<b>A</b>			
Water	Water	65.20	
Veegum K Granules	Hydrated Magnesium Aluminum Silicate Mineral	1.00	R.T. Vanderbilt Minerals Company, Inc.
<b>B</b>			
Triethanolamine	Triethanolamine	1.40	
Propylene Glycol	Propylene Glycol	8.00	
<b>C</b>			
Xanthan Gum	Xanthan Gum	0.30	
<b>D</b>			
Geoparl C Crystal Super Deep Purple	Synthetic Fluorophlogopite (and) Titanium dioxide (and) CI 77491 (and) Silica (and) Tin Oxide	20.00	Geotech International B.V.
<b>E</b>			
Stearic Acid	Stearic Acid	2.80	
Glyceryl Stearate	Glyceryl Stearate	0.80	
Oleyl Alcohol	Oleyl Alcohol	0.50	

### Procedure

1. Disperse the Hydrated Magnesium Aluminum Silicate Mineral into water using high-shear mixing until smooth;
2. Add B to phase A and mix until uniform;
3. Add Phase C to Phase AB and mix until uniform;
4. Add Phase D and mix until uniform;
5. Heat Phase ABCD to 75°C ± 5°C;
6. Premix Phase E to 75°C ± 5°C;
7. Add Phase E to Phase ABCD and mix until uniform;
8. Cool to 35°C ± 5°C;
9. Pour into eyeliner container.

For formulating support and colour matching requests please contact us on [marketing@geotech.nl](mailto:marketing@geotech.nl)

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Geotech International B.V. | Emrikweg 18 | 2031 BT | Haarlem | The Netherlands

T: +31(0)235317553 | E: [info@geotech.nl](mailto:info@geotech.nl) | [www.geotech.nl](http://www.geotech.nl)