



TREATING
YOU
RIGHT

MiyoNAT VLS

COSMOS Approved Lecithin Treated Pigments



- COSMOS Approved
- Natural, Sunflower Origin
- Non-GMO
- Soft, Creamy Texture
- Excellent Stability in Emulsions

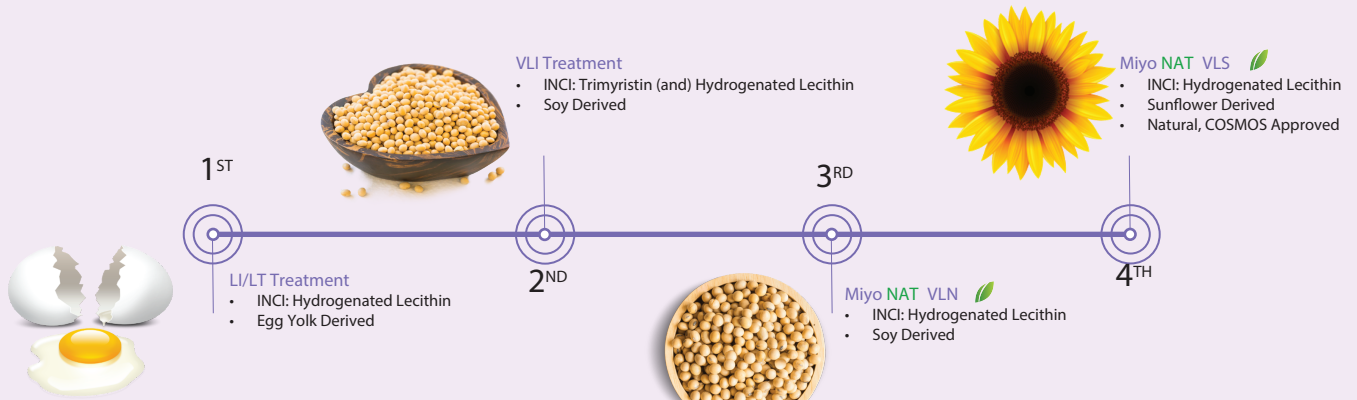


GENERAL INFORMATION

MiyoNAT VLS is a naturally derived (sunflower origin) lecithin treatment that displays good compatibility with the skin and provides a desirable, soft and creamy texture with good spreadability in cosmetic formulations.

INCI Name: Hydrogenated Lecithin

HISTORY OF LECITHIN TREATMENTS AT MIYOSHI



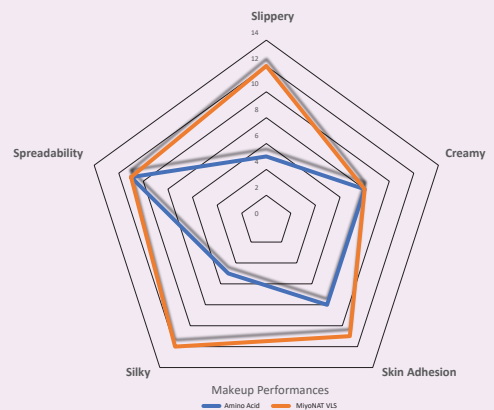
PRODUCT LINEUP

PIGMENTS

| Product Name | Base Material | Pigment | Surface Treatment | |
|----------------------|-------------------|---------|-----------------------|--------------------|
| | | | Hydrogenated Lecithin | Magnesium Chloride |
| MiyoNAT VLS-White A2 | Titanium Dioxide | 98.4% | 1.5% | 0.1% |
| MiyoNAT VLS-Yellow-1 | Yellow Iron Oxide | 98.4% | 1.5% | 0.1% |
| MiyoNAT VLS-Red-2 | Red Iron Oxide | 98.4% | 1.5% | 0.1% |
| MiyoNAT VLS-Black-1 | Black Iron Oxide | 98.4% | 1.5% | 0.1% |

SENSORIAL ANALYSIS

MiyoNAT VLS is compared to an amino acid surface treatment in a blind sensory evaluation test. The result of testing shows that MiyoNAT VLS treated pigments and minerals/fillers have a greater slippery, silky texture with increased skin adhesion.



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MiyoNAT VLS-LEAFLET-20211101-Rev.1-E

MiyoNAT VLS

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Cover & Care Foundation

WOC-N013

The Cover Foundation combines high coverage, long lasting and sensoriality. This formula contains niacinamide to protect your skin.



| | Trade Name | INCI Name | Supplier | % |
|----|-----------------------------|---|-------------------------------|--------------|
| A | Water | Water | - | 52.45 |
| | Sulfate de Magnesium | Magnesium Sulfate | Carl Roth | 1.00 |
| | Olifeel Glycerin | Glycerin | Roelmi HPC / Nordmann | 5.00 |
| | Geogard ECT | Benzyl Alcohol (and) Salicylic Acid (and) Glycerin (and) Sorbic Acid | Lonza / Masso | 1.00 |
| | Niacinamide PC | Niacinamide | DSM / IES Ingredients | 3.00 |
| B1 | Olivem 2090 | Polyglyceryl-4 Oliviate (and) Polyricinoleate | Hall Star beauty | 4.00 |
| | Beausens Air | Ethylhexyl Pelargonate | Roelmi HPC / Nordmann | 11.00 |
| | MiyoNAT VLS-White A2 | Titanium Dioxide(and) Hydrogenated Lecithin (and) Magnesium Chloride | Miyoshi Europe | 17.80 |
| | MiyoNAT VLS-YELLOW-1 | Iron Oxide (and) Hydrogenated Lecithin (and) Magnesium Chloride | Miyoshi Europe | 1.00 |
| | MiyoNAT VLS-RED-2 | Iron Oxide (and) Hydrogenated Lecithin (and) Magnesium Chloride | Miyoshi Europe | 0.25 |
| | MiyoNAT VLS-BLACK-1 | Iron Oxide (and) Hydrogenated Lecithin (and) Magnesium Chloride | Miyoshi Europe | 0.10 |
| B2 | Silica Bead SB-300 | Silica | Miyoshi Europe | 2.00 |
| B3 | Rheopearl KL2 | Dextrin Palmitate | Chiba / Miyoshi Europe | 1.00 |
| C | Bioxan Sf T50 | Tocopherol | BTSA / Masso | 0.20 |
| | Hoya SSAL K66-5438 | Fragrance | SFA Romani | 0.20 |

Procedure:

1. Prepare Phase A and heat to 80°C.
2. Mix Phase B1 using an Ultra-Turrax at high speed (12400 tr/min) 15 minutes.
3. Add Phase B2 to Phase B1 using an Ultra-Turrax.
4. Add Phase B3 to Phase B1B2 and Heat at 80°C under stirring.
5. Make emulsion: add Phase B into Phase A under stirring (Turbotest VMI, propeller disperser), 4 minutes at minimum speed. Continue to stir 2 minutes.
6. Mix using an Ultra-Turrax at minimum speed during 4 minutes.
7. Add Phase C at room temperature.



Long Lasting



Hydrophobicity



Natural Origin

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