

Amino Acid Treatment - Natural Origin -

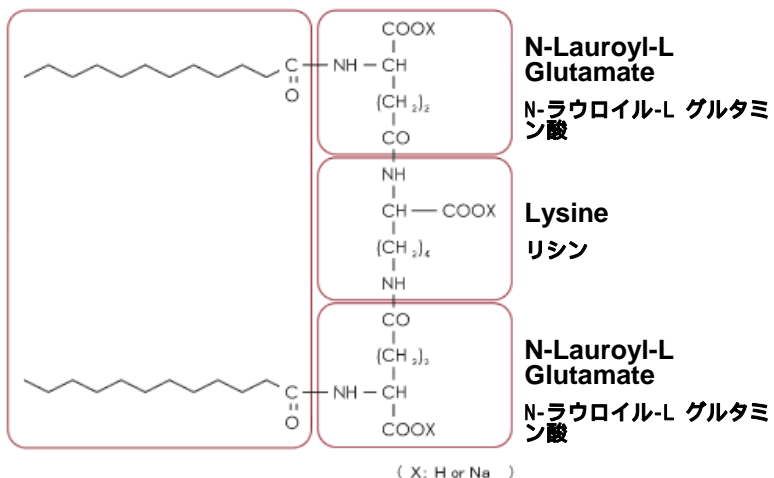
ASL Treatment

New!

*Gemini Type Amphiphilic
Amino Acid Treatment*

ジェミニ（双子）型両親媒性アミノ酸処理

INCI Name: Sodium Dilauramidoglutamide Lysine
表示名称: ジラウロイルグルタミン酸リシンNa



INCI Name:
Magnesium Chloride or Aluminum Chloride

表示名称:
塩化Mg又は塩化Al

Property

- Novel W/O Whipped Formula without Surfactant
新規 W/Oホイップ処方、界面活性剤フリー



Please Try!

- Water Proofness / 撥水性

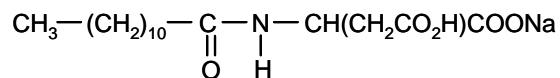
	Contact Angle / 接触角 (°)
ASL-1 TiO ₂ CR-50	120
ASL-1 YELLOW LL-100P	138
ASL-1 RED R-516P	142
ASL-1 BLACK BL-100P	137

Formula	Foundation DL/011 (%)	Sun Screen DS/018, 019 (%)	
		SPF26, PA++	SPF 55, PA+++
Dimethicone (6cs) or Methyl Trimethicone or Isododecane	30.00	30.00	25.00
Tridecyl Isononanoate	3.00	-	-
Octyl methoxycinnamate	-	3.00	10.00
ASL-1 TiO ₂ CR-50	8.50	-	-
ASL-1 YELLOW LL-100P	1.00	-	-
ASL-1 RED R-516P	0.30	-	-
ASL-1 BLACK BL-100P	0.20	-	-
ASL-1 MZ-500	5.00	15.00	15.00
ASL-1 TiO ₂ MT-500SA	-	-	6.00
OTS-0.5 CELLULOBEADS D-10	3.00	3.00	3.00
Water	46.70	46.70	38.70
1,3-Butylene Glycol	2.00	2.00	2.00
Preservative	0.30	0.30	0.30
Total	100.00	100.00	100.00

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ASI Treatment

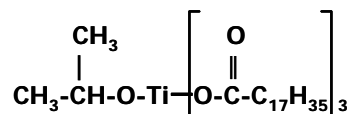
INCI Name: Sodium Lauroyl Aspartate
表示名称：ラウロイルアスパラギン酸Na



INCI Name: Zinc Chloride
表示名称：塩化亜鉛



INCI Name: Isopropyl Titanium Triisostearate
表示名称：トリスステアリン酸イソプロピルチタン



Property

Smooth Feeling &
Uniform Adhesion to the skin
滑らかな感触 & 肌への均一な付着

Method: Spread powder on the skin from the wrist using puff, and check SEM image of the adhesion of the powder at 5cm away from the wrist.



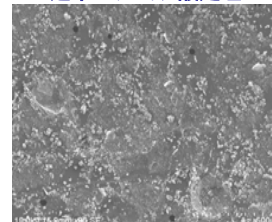
評価方法：パフを用いて、手首から粉体を塗布し、手首から5cmの箇所のレプリカをSEM観察した

Untreated TiO₂ CR-50
/ 未処理TiO₂ CR-50



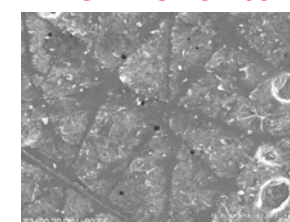
Adhesion is not uniform
/ 付着が均一でない。

Amino Acid Treated TiO₂ in the market
/ 通常のアミノ酸処理TiO₂



Aggregation is observed
/ 凝集が見られる

ASI TiO₂ CR-50



Uniform adhesion to the skin / 肌への均一な付着

LL Treatment

INCI Name: Lauroyl Lysine
表示名称：ラウロイルリシン

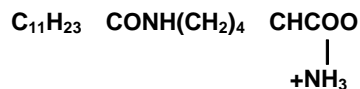
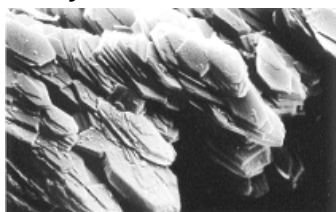


Plate crystal of LL / LLの板状結晶



Ref. Brochure of Ajinomoto Co., Inc.

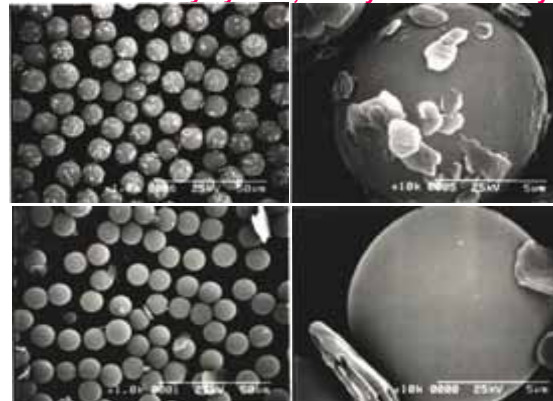
DAITO's Technology
(Water Slurry Reaction)
大東化成の技術
(湿式スラリー中での処理)



Conventional Method
(Dry Blending)
通常の方法 (乾式混合)



In this water slurry system, LL crystals exist very uniformly.



湿式スラリー中での処理の場合、LL結晶が顔料に均一に被覆される

乾式混合の場合、均一なLL結晶は見られない

In this dry blending system, LL crystals does not exist uniformly.