LOW POLAR ESTER

HIGH POLAR ESTER

PASTE ESTER

EMULSIFYING AGENT

GELLING AGENT

LECITHIN

TOCOPHEROL

VEGETABLE OIL

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VEGETABLE ORIGIN SMART ESTER



31 JULY 2014

1. Moisturizing Foam

2. Foam Texture Improver

POSSIBLE TO MAINTAIN MOISTURE IN THE SKIN AFTER WASH

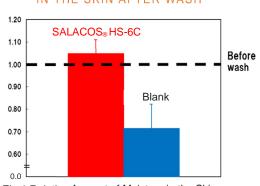
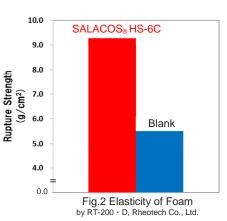
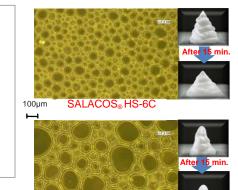


Fig.1 Relative Amount of Moisture in the Skin After Wash ("Before"=1) by SKICON-200, I.B.S Co., Ltd.





ELASTIC+FINE FOAM AND EXCELLENT TEXTURE FOR WASH

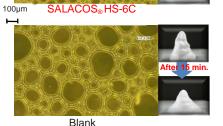


Fig.3 Observation of Foam through the Microscope (x200)

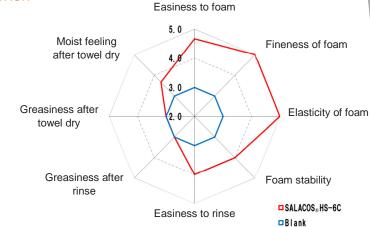


Fig.4 Evaluation of Texture (n=6)

Multi-functional Ester from vegetable



3. Pigment Dispersing

EXCELLENT PIGMENT DISPERSING ABILITY AND SMOOTH TEXTURE FOR FORMULATIONS CONTAINING PIGMENTS

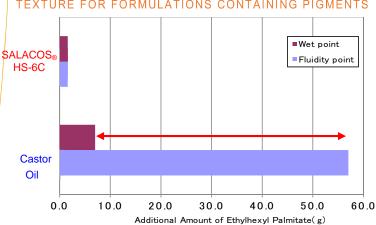
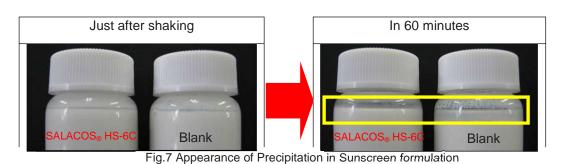


Fig.5 Wet Point and Fluidity Point for Titanium Dioxide



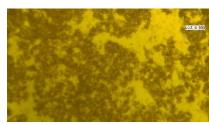
4. SPF Booster

POSSIBLE TO INHIBIT PRECIPITATION OF PIGMENTS IN LOW-VISCOSITY SUNSCREEN AND BOOST SPF VALUE WITH IMPROVING PIGMENT DISPERSION



100µm

SALACOS® HS-6C



Blank /SPF =21

Fig.8 Improvement of Dispersion and SPF (n=4) in Sunscreen formulation (x500) by UV-1000S, Labsphere Inc.



INCI name:

POLYHYDROXYSTEARIC ACID

CAS number:

27924-99-8, 58128-22-6

EC number: 500-140-7 Origin: Vegetable (castor oil)

