

ALKAMULS[®] 504/V

PRODUCT DATA SHEET N002065 – FEBRUARY 2012

IDENTIFICATION

Chemical Name: ETHYLENE GLYCOL DISTEARATE

CAS Number: 627-83-8; 57-11-4

SPECIFICATIONS

Moisture (Karl Fisher), %
Appearance @ 25 Deg C
Appearance (Molten)
% Ethylene Glycol
% Fatty Acid
% Monoester
% Diester

RESULTS

0.50 Max
White to Pale Yellow Flake
Clear, Pale Yellow-Green Liquid
0.50 Max
1.0 Max
8.0 Max
92.0 Min.

METHOD

RP-0327
RP-0064
RP-0064
RP-1407
RP-1407
RP-1407
RP-1407

TYPICAL PROPERTIES

Melting Point 70 – 75 C
Use Level (Pearlescence) 0.5 to 3 %

STANDARD APPLICATIONS

Ethylene glycol distearate is widely used in cosmetics as pearlizing or opacifying agent.

When properly formulated in shampoo, body wash, hand soaps or other liquid soaps it will form a crystalline structure that gives a pearlescent appearance. Typical use level is 0.5 to 3%. In creams and lotions it will provide opacity and some emolency.

ALKAMULS[®] 504/V is provided in a solid flake form which must be heated in the available water portion of the formula to approximately 70-75C. Pearlescence will occur upon cooling. For liquid pearlescent systems see Rhodia's Mirasheen product line.

STANDARD PACKAGING

ALKAMULS[®] 504/V is available in Bulk Quantities; 40 LB. Bags; 200 LB. Open Head Fiber Drums, and 1000 LB. Super Sacks. Alternative package sizes may be available upon request.

SHELF LIFE

ALKAMULS[®] 504/V has a shelf life of 730 days

WARNING

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products. RHODIA GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

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