

ALKAMULS® EGDS 515/V

TECHNICAL DATA SHEET AP 90031567 – SEPTEMBER 2021

IDENTIFICATION

Chemical Name: ETHYLENE GLYCOL DISTEARATE
CAS Number: 627-83-8

SPECIFICATIONS

Appearance (@25°C)
Color, APHA
Free Glycol, %
Iodine Value, g/hg
Melting Point, °C
Saponification Value, mgKOHg
Moisture in EGDS, %
Acid Value, mgKOHg

RESULTS

White to Pale Yellow Flake
50 Max
1.00 Max
2.00 Max
58.0 – 65.0
190 – 200
0.50 Max
6.0 Max

METHOD

RP-0064
RP-0134
AM-104
RP-0588
RP-0815
RP-0496
RP-0327
RP-0008

TYPICAL PROPERTIES

Ionic Character Nonionic
Usage Level, % Typically 0.5 – 3.0

STANDARD APPLICATIONS

ALKAMULS® EGDS 515/V has a diester content of about 85%. It is widely used in shampoo and bath applications to modify the appearance of the finished products, by imparting a high degree of opacity and pearl luster under appropriate process conditions. Additionally, it is an excellent emollient for use in all bath, cream and lotion preparations.

ALKAMULS® EGDS 515/V is introduced to a personal care preparation by melting it in-situ at 70°C to 75°C with good agitation until it is completely melted and well mixed in the preparation. The preparation is then cooled gradually with moderate agitation until opacity and / or pearlescence develops. The cooling process must be controlled in order to assure batch to batch consistency in finished product appearance and properties.

STANDARD PACKAGING

ALKAMULS® EGDS 515/V is available in Bulk Quantities, and 25 KG. Paper Bags. Alternative package sizes may be available upon request.

SHELF LIFE

ALKAMULS® EGDS 515/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. SOLVAY GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

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