

# ALKAMULS<sup>®</sup> GC 7

TECHNICAL DATA SHEET AP90071447 (A160133) – MAY 2019

## IDENTIFICATION

Chemical Name: POLYOXYETHYLENE (7) GLYCERYL MONOCOATE  
INCI Name: PEG-7 GLYCERYL COCOATE  
CAS Number: 68201-46-7

## SPECIFICATIONS

Appearance @ 25 °C  
Color (Gardner)  
pH (20 °C, 5% Aqueous solution)  
Acid value, mg KOH/g  
Hydroxyl value, mg KOH/g  
Saponification value, mg KOH/g  
Moisture (Karl Fisher), %  
Dioxane content, ppm  
Residual Ethylene Oxide, ppm  
Iodine value, g I<sub>2</sub>/100g  
Cloud point (below Ambient), °C  
Alkalinity, ml

## RESULTS

Clear, colorless to pale yellow liquid  
2 max.  
5.5 -6.5  
1.00 max  
175.0 – 190.0  
90.0-100.0  
1.0 max  
5.0 max.  
1.0 max.  
5.0 max.  
0.0 max.  
0.5 max.

## METHOD

RP-0064  
RP-0138  
RP-0420  
RP-0007  
RP-0245  
RP-0496  
RP-0327  
RP-8139  
RP-8139  
RP-0591  
RP-0124  
RP-0134

## TYPICAL PROPERTIES

Assay, % 99 min. (By calculation)  
Ash content (sulfated ash), % 0.3 max.  
Heavy metals (as Pb), ppm 10.0 max.

## STANDARD APPLICATIONS

ALKAMULS<sup>®</sup> GC 7 acts as o/w emulsifier, superfatting agent and solubiliser in aqueous as well as aqueous alcoholic preparations. It is used in detergent cleansers, shampoos, bath foams, oils, skin care creams, lotions, colognes, aftershaves, other alcoholic systems, color cosmetics, antiperspirants, shower gel/body wash, liquid soaps, facial wash, sprayable emulsions, hair styling, sun protection, deodorants and lip care.



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## STANDARD PACKAGING

ALKAMULS® GC 7 is available in 200 kg closed head steel drums and 20 kg steel pails. Alternative packing sizes may be available upon request.

## SHELF LIFE

ALKAMULS® GC 7 has a shelf life of 730 days.

### WARNING

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