

# ALKAMULS® CRH 40

TECHNICAL DATA SHEET AP 90006748 – MAY 2021

## IDENTIFICATION

Chemical Name: ETHOXYLATED HYDROGENATED CASTOR OIL  
INCI Name: PEG-40 HYDROGENATED CASTOR OIL  
CAS Number: 61788-85-0

## SPECIFICATIONS

Appearance @ 20°C  
Appearance @ 30°C  
Color (Gardner)  
Acid Value, mgKOHg  
Hydroxyl Value, mgKOHg  
Residual Ethylene Oxide, ppm  
1,4 Dioxane Content, ppm  
Moisture (Karl Fisher), %  
Saponification Value, mgKOHg  
Ash Content (Sulfated Ash), %  
Iodine Value, g I<sub>2</sub> /100g  
Peroxide Value, meq/kg

## RESULTS

Viscous liquid to soft paste  
Liquid  
1.0 Max  
1.0 Max  
60.0 – 75.0  
1.0 Max  
5.0 Max  
2.0 Max  
50.0 - 60.0  
0.300 Max  
1.0 Max  
2.0 Max

## METHOD

RP-0064  
RP-0064  
RP-0138  
RP-0007  
RP-0245  
RP-1380  
RP-1380  
RP-0327  
RP-0496  
RP-0559  
RP-0591  
RP-0401

## TYPICAL PROPERTIES

Identity  
Heavy Metals (as Pb), ppm  
Appearance of Solution (5% in Ethanol)  
Appearance of Solution (2% in Ethanol)

FTIR  
10.0 max.  
Standard  
Not more opalescent than standard

## STANDARD APPLICATIONS

ALKAMULS® CRH 40 is a universal solubilizer for essential oil, perfumes and lipophilic actives. Imparts superfatting benefits in detergent systems. Also suitable for use in skin creams and lotions, sun care, hair care, bath and shower products and wipes.

ALKAMULS® CRH 40 should be stored at room temperature away from direct sunlight.

## STANDARD PACKAGING

ALKAMULS® CRH 40 is available in Bulk Quantities, 25 KG Pails, 50 KG. Plastic Carboys, and 200 KG. Plastic Drums. Alternative package sizes may be available upon request.

## SHELF LIFE

ALKAMULS® CRH 40 has a shelf life of 730 days.

### WARNING

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