

# BPR<sup>®</sup> DCO - FA

## Technical Data Sheet

Chemical Description : Dehydrated Castor Oil – Fatty Acid

Physical Appearance : Pale Yellow, Clear Liquid

Characteristics	Unit	Specification
Acid value	mg KOH/g	195 – 205
Iodine value	g I/100 g	130 min.
Saponification value	mg KOH/g	198 – 208
Unsaponifiable Matter	%	1.0 max.
Color	Gardner	2.0 max.
Hydroxyl Value		5 max.
Chain Distribution	%	
C 16 and lower		2.5 – 2.9
C 18:0		1.8 – 2
C 18:1		4 – 6
C 18:2 (Non-Conjugated)		25 – 30
C 18:2 (Conjugated)		60 – 66
C 18:3		0.5 max.

Packing : ISO Tank Containers / 200kg HDPE Drums

**Storage:** Do not store in carbon steel containers since fatty acids will react & discolor. Inside storage & "first in first out" inventory control is recommended. Storage at temperatures above 30°C should be avoided. Fatty acids are susceptible to gradual oxidation. This could result in darkening and/or it could have an adverse effect on the solubility of the product in organic solvents or on its compatibility with polymers. Accordingly, it is recommended that strict control of inventory be observed at all times, taking care that the oldest material is used first.

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