

BPR® 145

Technical Data Sheet

Chemical Description : Special Blend Distilled Fatty Acid
(Based on Vegetable Oil)

Characteristics	Specification
Appearance at 25 °C	Yellow color clear liquid
Color Lovibond 51/4" cell	R=1.5 ; Y=15.0 Max
Acid value, mg KOH/gm	195 - 205
Saponification value, mg KOH/gm	196 - 206
Iodine value, gm of I ₂ /100 gm,	145.0 Min
Titre, °C,	20.0 Max
Moisture by KF, %	0.20 Max
C16 & below, %	8.0 Max
C18 total, %	75.0 Min
C20 & above,%	20.0 Max
C18:1 (Oleic Acid), %	20.0 – 30.0
C18:2 (Linoleic Acid), %	30.0 – 45.0
C18:3 (Linolenic Acid), %	15.0 – 25.0

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.

Versio.: 1.0

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