

ALZO INTERNATIONAL INC.

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TECHNICAL BULLETIN BERNEL ESTER DOM

Chemical Name: Bis(2-Ethylhexyl) 2-Butenedioate
INCI Name: Diethylhexyl Maleate
CA Index Name: 2-Butenedioic Acid, Bis (2-Ethylhexyl) Ester
CAS Number: 142-16-5
EINECS Number: 205-524-5
Empirical Formula: C₂₀H₃₆O₄

PROPERTIES:

| | |
|--|------------------------|
| Appearance @ 25°C | Clear Colorless Liquid |
| Color, APHA | 50 Max |
| Odor | Mild, Typical |
| Specific Gravity @ 25°C | 0.940 ± 0.01 |
| Pounds per Gallon @ 25°C | 7.8 |
| Refractive Index @ 25°C | 1.4530 |
| Molecular Weight | 340 |
| Cloud Point, °C | <-15 |
| Acid Value, mg KOH/gram | 2.0 Max |
| Free Acid as Maleic (Eq. Wt. 58), % | 0.2 Max |
| Saponification Value, mg KOH/gram | 320 – 340 |
| Iodine Value | Nil |
| Flash Point, °C (COC) | Over 175 |

This information is believed to be reliable, but it is not to be construed as a warranty, and no patent liability can be assumed.

