

BERNEL CHEMICAL CO. INC.

Division of Alzo International Inc.

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TECHNICAL BULLETIN

Bernel Ester NPDC

Chemical Name: Neopentyl Glycol Didecanoate
INCI Name: Neopentyl Glycol Dicaprate
CA Index Name: Decanoic Acid, 2,2-Dimethyl-1,3-Propanediol Diester
CAS Number: 27841-06-1

SPECIFICATIONS:

Appearance @ 25°C	Clear Liquid
Color, Gardner	1.0 Max
Odor	Slight, Characteristic
Specific Gravity @ 25°C (Typical)	0.905
Refractive Index @ 25°C (Typical)	1.4440
Molecular Weight (Theoretical)	422
Ester Content, %	97.0 Min
Cloud Point, °C (Typical)	2.0 Max
Acid Value, mg KOH/gram	3.0
Free Organic Acid as Capric (Mol. Wt. 172), %	1.0 Max
Saponification Value, mg KOH/gram	255 – 270
Iodine Value	Nil

SOLUBILITY:

Soluble in most hydrophobic solvents such as esters, mineral oil, mineral spirits and aromatic hydrocarbons.

Insoluble in water.

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

Listed in TSCA
Bulletin #0626

Japan Approved

