

ALZO International Inc.

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TECHNICAL BULLETIN

DERMOL NGDC

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
EINECS Number : 248-688-3

TYPICAL PROPERTIES:

Appearance @ 25°C	Clear Liquid
Color, APHA	100
Odor	Slight, Characteristic
Specific Gravity @ 25°C	0.905
Refractive Index @ 25°C	1.4440
Molecular Weight (Theoretical)	422
Freeze Point, °C	2.0
Acid Value, mg KOH/gram	2.0
Free Organic Acid as Capric (Mol. Wt. 172), %	0.6
Saponification Value, mg KOH/gram	265
Iodine Value	Nil

SOLUBILITY

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

SUGGESTED APPLICATIONS:

Due to its unique structure, **Dermol NGDC** is a low viscosity light emollient/solvent diester that finds many uses as a skin conditioning agent in hand and body preparations. Also, **Dermol NGDC** is a solubilizer and plasticizer for resins, nail enamels and make-up remover.

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