

TECHNICAL DATA SHEET

TRADE NAME	PARYOL NEODERM OP
CHEMICAL NAME	Hexadecanoic acid, 2-ethylhexyl ester; Octyl palmitate
INCI NAME (UE)	ETHYLHEXYL PALMITATE
INCI NAME (US)	ETHYLHEXYL PALMITATE
CAS NUMBER	29806-73-3
EINECS NUMBER	249-862-1
DESCRIPTION	2-ETHYLHEXYL PALMITATE

	U.M.	Test methods	Range
Physical status at 25°C		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 0.5
Iodine value	gI ₂ /100g	AOCS Cd 1-25	≤ 2.0
Saponification value	mgKOH/g	AOCS Cd 3-25	145.0 – 160.0
Colour	APHA	AOCS Ea 9-65	≤ 100
Density at 20°C	g/cc	ASTM D1298-85	0.860 – 0.880
Cloud point	°C	AOCS Cc 6-25	≤ 8
Pour point	°C	ASTM D97-87	≤ 2
Flash point	°C	AOCS Tn 1a-64	≥ 180
Viscosity 40°C	cSt	ASTM D445-94	6.0 – 10.0

Fatty acids composition %(GLC):

Palmitic acid	C16:0	≥ 98.0
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Shelf life: 24 months minimum in cool conditions in unopened container

Suggested storage temperature is 10 - 35 °C. In case of prolonged storage (> 48h) at T < Cloud point, the formation of a deposit is normal. By warming up at T > 35 °C for some minutes, the deposit will dissolve and the product will become clear again. In this case it is suggested to use the product after a proper homogeneization.