



A. & A. Fratelli Parodi s.p.a.

www.fratelliparodi.it



Rev.01

07/2013

TECHNICAL DATA SHEET

TRADE NAME
CHEMICAL NAME
INCI NAME (UE)
CAS NUMBER
EINECS NUMBER

PARYOL 312 K/R (Clear)
REFINED SHEA OIL – Fractionated
BUTYROSPERMUM PARKII OIL
91080-23-8
293-515-7

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd3d-63	≤ 0.5
Iodine value	gI ₂ /100	AOCS Tg2a-64	75.0 – 90.0
Saponification value	mgKOH/g	AOCS Cd3 -25	175.0 – 195.0
Peroxide value*	meq O ₂ /Kg	AOCS Cd8 -53	≤ 2.0
Colour	Yellow/Red	Lovibond cell 5'' ¼	≤ 50.0Y/5.0R
Density at 20C°	g/cc	ASTM D1298-85	0.915 – 0.940
Cloud point	°C	AOCS Cc 6-25	≤ +10.0
Pour point	°C	ASTM D97-87	≤ +5.0

*Guaranteed at drumming

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 0.1
Myristic acid	C14:0	≤ 0.2
Palmitic acid	C16:0	3.0 – 6.5
Palmitoleic acid	C16:1	≤ 1.5
Stearic acid	C18:0	5.0 – 9.0
Oleic acid	C18:1	68.0 – 78.0
Linoleic acid	C18:2	9.0 – 18.0
Alpha-Linolenic acid	C18:3	≤ 0.5
Arachidic acid	C20:0	≤ 1.0
Eicosenoic acid	C20:1	≤ 0.5
Behenic acid	C22:0	≤ 0.5
Erucic acid	C22:1	≤ 0.5
Others		≤ 1.5

Shelf life: 12 months minimum in cool conditions in unopened container

Note: the reported shelf life is referred to the product stored at room temperature, possibly in the original packaging and away from direct sunlight and heat sources. A&A Fratelli Parodi Spa shall not be held liable for a shelf life reduction (e.g. for unexpected increase in peroxides content) if the above conditions are not respected.

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