

Product Data Sheet

Reflez AM 28

INCI: Propylene Glycol Monocaprylate

CAS NO.: 31565-12-5/68332-79-6

EC (EINECS): 953-046-7

Description

- High spreadability
- Medium polarity oil
- Good emollient for skin care

Test	Specification	Test method*	**
Acid value	Max 1mgKOH/g	AOCS Cd 3d-63	Y
Water content (%)	Max 1	AOCS Ca 2e-84	Y
Saponification value	270-285mgKOH/g	AOCS Cd 3-2	Y
Specific Gravity 20°C	0.935-0.955 g/cm ³	ASTM D4052	Y
Sulphated Ashes Content (%)	Max 1.5	ASTM D445	Y
Colour	Max 50	AOCS Td 1b-64	Y
Iodine value	Max 1gl ₂ /100g	CA-020	Y
Hydroxyl value	200-300mgKOH/g	CA-081	Y
Free Propylene Glycol (%)	Max 1.5	AOCS Cd 11b-91	Y
Monoester Content (%)	Min 90	AOCS Cd 11b-91	Y
Diester Content (%)	Max 10	AOCS Cd 11b-91	Y
Fatty acid composition C8 (%)	Min 90	AOCS Ce 1-62	Y
Fatty acid composition C10 (%)	Max 3	AOCS Ce 1-62	Y
Fatty acid composition C12 (%)	Max 3	AOCS Ce 1-62	Y
Fatty acid composition C14 (%)	Max 3	AOCS Ce 1-62	Y
Fatty acid composition C16 (%)	Max 1	AOCS Ce 1-62	Y
Alkaline Impurities	Max 30 ppm		Y
Heavy metal content	Max 10 ppm	AOAC 2013.06	
Arsenic content	Max 1 ppm	AOAC 2013.06	
Lead content	Max 1 ppm	AOAC 2013.06	
Peroxide value	Max 6	AOCS Cd 8b-90	Y

*Test method will be provided upon request

**Report on certificate of analysis: Y = specific/actual value: D = Data which is proven statistically but not determined regularly

Only the data displayed in this document shall constitute the agreed contractual quality of the product. Data reported in other product related documents (e.g. MSDS, Marketing brochures etc.) are not intended to define the quality of the product. Conversely, Product Specification does not address product communication, human and/or environmental safety or socio-economical characteristics.

Delivery forms

- 190kg drum ; 4 drums/pallet

Physical form at 25°C

- Clear transparent liquid

Storage conditions

- To be kept at temperature between +15°C and +30°C, away from sunlight.
- In original sealed containers and protected from moisture.

Shelf life

- 24 months



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Page 1 of 1

