

Oak Palm Palmitic

Vegetable raw materials for industry

Oak Palm Palmitic is a by-product (palmitic) obtained through physical refining and fractionation, bleached and deodorized.

Typical Characteristics

Measurement	Unit	Typical value
Visual appearance		Pale yellow liquid
Free fatty acid (palmitic acid)	%	80 – 90
Saponification value	mg KOH/g	190 – 209
Iodine value	gl/100g	50 - 55
Fusion point	°C	34 - 40
Renewability	%	80

Fatty Acid Composition

Measurement	Unit	Typical value
Up to C18 (Saturated)	%	3 - 12
Oleic acid – C18:1	%	36 - 44
Palmitic acid – C16:0	%	39 - 48
Others	%	0.5 - 4

Features and benefits

Features	Benefit
Biodegradability	Compliance with local environmental regulation
High renewability content	Reduced impact on limited natural resources

Recommended applications

- Cosmetic and personal care;
- Leathers;
- Foods;
- Chemicals intermediates;
- Coating and adhesives;



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Sales and technical support

With experience working with lubricant industry formulators, Oak Chemicals technical specialists are able to offer expertise and support in selecting the most effective products for your application. For further or advice, please contact your local Oak Chemicals sales office, visit our website www.oakchemicals.com or email management@oakchemicals.com.

For complete safety, health, personnel protection and first aid information, refer to the Material Safety Data Sheet (MSDS) which can be requested by website or phone Oak Chemicals.

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