

Oak Palm Acid 90

Vegetable raw materials for industry

Oak Palm Acid 90 is a by-product (palm fatty acid) obtained through physical refining of palm oil with a typical composition of approximately 78% fatty acid.

Typical Characteristics

Measurement	Unit	Typical value
Humidity + Impurities	%	0.8
Acidity as palmitic acid	%	80
Iodine value	gl/100g	54
Renewability	%	80

Fatty Acid Composition

Measurement	Unit	Typical value
Lauric acid – C12:0	%	Max. 0.4
Myristic acid – C14:0	%	0.5 – 2.0
Palmitic acid – C16:0	%	41 – 47
Stearic acid – C18:0	%	3.5 – 6.0
Oleic acid – C18:1	%	36 – 44
Linoleic acid – C18:2	%	9.0 – 12
Linolenic acid – C18:3	%	Max. 0.5

Features and benefits

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

Recommended applications

- Manufacture of calcium grease;
- Oleochemistry as basis for the preparation of fatty alcohol;
- Process of making candles;
- Textile dyes;
- As a nutritional supplement;



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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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