

Oak Acid 175

Vegetable raw materials for industry

Oak Acid 175 is the ricinoleic acid derived from castor oil.

Typical Characteristics

Measurement	Unit	Typical value
Visual appearance		Clear amber liquid
Acid value	mg KOH/g	178
Saponification value	mg KOH/g	192
Iodine value	gI/100g	90
Specific gravity	20/4°C	0.940
Renewability	%	80

Features and benefits

Features	Benefit
Biodegradability	Compliance with local environmental regulation
High renewability content	Reduced impact on limited natural resources
Excellent emulsification properties	Provides excellent dispersion in water

Recommended applications

- Is used in formulations for machining metals, especially where the replacement of traditional fatty acids would be necessary to increase corrosion inhibition or lubrication;
- Can also be used as one of the starting components for the manufacture of a variety of components for metals;



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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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