

NFO Reaction Grade Lard Oil (RGLO)

NFO Reaction Grade Lard Oil (RGLO) is supplied within the Lard Oils range for industrial processing and formulation applications. CAS No. 8016-28-2.

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NFO36 REACTION GRADE LARD OIL

CAS NO: 8016-28-2

PRODUCT DESCRIPTION

NFO36 is a reaction-grade lard oil produced as a cost-effective feedstock for chemical processes such as sulfurization, sulfation, amidation, trans-esterification, and hydrolysis. Along with its reaction suitability, it performs similarly to standard lard oil grades in multiple industrial lubrication and processing applications.

FEATURES AND BENEFITS

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| • Suitable for key reactions | • Reliable in leather/textile |
| • Low-cost reaction feedstock | • Works in many formulations |
| • Effective metal working lubricant | |
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PROPERTIES

Fatty Acid	Typical Range	Typical Value
Myristic acid (C14:0)	1–3	2
Palmitic acid (C16:0)	20–26	22
Palmitoleic acid (C16:1)	2–5	3
Stearic acid (C18:0)	5–10	7
Oleic acid (C18:1)	35–55	49
Linoleic acid (C18:2)	10–15	13
Linolenic acid (C18:3)	0.5–1	1
Gadoleic acid (C20:1)	0.5–1	1
Others (C20+)	<2	<2

Property	Specification	UNIT
Appearance	B&C Yellow Liquid	N/A
Free Fatty Acid	Max 1.5	%
Saponification Value	190 - 205	(mg KOH/g)
Iodine value	70 - 85	(Wijs)
Cloud point	max. 5	(° C)
Color	max. 9	(Gardner)
Acid Number	10 Max	mg KOH/g

STORAGE

- Store in a cool, dry, and well-ventilated area.
- Keep containers tightly closed when not in use and protect from extreme temperatures, direct sunlight, ignition sources, and incompatible materials (strong acids, bases, oxidizers).

SHELF LIFE

- Under proper storage conditions, the product maintains quality for 12 months from the date of manufacture

PACKAGING

- Available in non-returnable drums, totes, tank trucks, and flexi-tanks.

PRECAUTIONARY STATEMENT

Polyrheo Inc maintains up-to-date Safety Data Sheets (SDS) on all its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest SDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

NOTES

The values indicated in this document may deviate from the test method requirements by the number of significant figures shown. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of Polyrheo as to the intended use. For more detailed information, please contact Customer Service.

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