



## TECHNICAL DATA SHEET - DISTILLED FATTY ACIDS

**Code:** NEX-AGD-001

**Revision:** 01

**Status:** Active

**Supplier:** Nexus Oleo

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### OBJECTIVE

To establish the technical characteristics and quality parameters of **Distilled Fatty Acids**.

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### SCOPE

Applicable to all batches supplied by **Nexus Oleo**, regardless of origin or packaging.

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### USES

Product intended for industrial use in:

- Oleochemical applications
  - Soap manufacturing
  - Lubricants
  - Emulsions
  - Other compatible industrial processes
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### COMPOSITION

A blend of **distilled fatty acids** obtained from refined or crude **vegetable oils**.

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### ORIGEN

Vegetable origin.

## ORGANOLEPTIC CHARACTERISTICS

- **Odor:** Neutral
  - **Taste:** Neutral
  - **Appearance:** Clear liquid above >45 °C; solid below this temperature
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## PHYSICOCHEMICAL CHARACTERISTICS

Parameter	Specification
Acidity	90–98%
Color (Lovibond R)	≤ 3.0 R
Iodine Value	45–90
Moisture + Impurities	≤ 0.3%

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## UMA – Maximum Acceptable Units

Complies with Nexus Oleo's internal requirements for:

- Acidity
- Impurities
- Color

All parameters fall within contractual specifications.

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## CONTAMINANTS

Meets international limits for heavy metals:

- Copper (Cu)
- Iron (Fe)
- Lead (Pb)
- Mercury (Hg)

## PACKAGING

Available in:

- **Metal drums** – 180 kg
  - **IBC totes** – 1,000 kg
  - **Bulk** (upon request)
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## TRACEABILITY

Each unit includes:

- Batch number
  - Production date
  - Complete labeling
  - Supplier and product information
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## STORAGE

- Store between **30–45 °C** to ensure fluidity
- Protect from light, moisture, and oxidation
- Shelf life: **12 months** under recommended conditions

## TRANSPORTATION

- Units must be clean and free of foreign odors
  - Transportation must be authorized for oleochemical products
  - Avoid exposure to extreme temperatures
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## COMPANY INFORMATION

### NEXUS OLEO

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