



**Industrial  
Oleochemical  
Products**

# PRODUCT DATA SHEET

317 Chamberlain Road, Jacobs, South Africa, 4026  
Tel: +27 (0) 31 461 8680 Fax : +27 (0) 31 461 3743  
Website: [www.oleo.co.za](http://www.oleo.co.za) Email: [info@oleo.co.za](mailto:info@oleo.co.za)

## Oleotall R3-3F

### Customized tall oil fatty acid

Oleotall R3-3F is a customized tall oil fatty acid and selected distilled fatty acids from renewable crop sources to define a product of nominally three percent rosin content. In many applications, Oleotall R3-3F is used in place of oleic acid.

### Physical Properties

Property	Description
Appearance @25 °C	Clear light yellow liquid
Acid value (mgKOH/g)	185 - 196
Rosin content, (%)	2 - 4
Unsaponifiables, (%)	3.0 Max.
Colour, Gardner	3 - 6

### Applications

Chemical Intermediates	Epoxy resin esters
Corrosion inhibitors	Lubricants
Defoamers	Metalworking fluids
Emulsifiers	Plasticizers
Printing Inks	Soaps & Detergents
Rubber paper	Synthetic detergents

### Useful Product Information

CAS Number	61790-12-3
EINECS	232-304-6
HS Code	382313
Flash Point, (°C)	205
Cloud Point, (°C)	Approx. 10
Specific gravity, 25/25°C	Approx. 0.903
Solubility	Insoluble in water. Soluble in most organic solvents



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## Feature & Benefits

Tall oil fatty acid (TOFA) is a low cost unsaturated fatty acid (oleic acid) and is a source of low boiling point fatty acids widely used in synthetic lubricants industry.

Oleotall R3-3F is light in colour and low in rosin, consistent, cost-effective, and a source of liquid fatty acid. The utility of Oleotall R3-3F can be found in the long carbon chain (C18) acid function of the carboxyl group (-COOH) or unsaturation of the double bonds.

## Product Packaging

Pallet: 186kgs x 4 and plastic shrink wrapped  
Bulk loads ~ 23000 tons - ~32000 tons per load

## Other Oleotall Products

Oleotall R2-2, BR4-4, BR6-6, BR5-5, R20-5, R30-5, R40-5

## Personal Protective Equipment



Always handle Oleotall product in accordance with the safety data sheet (SDS) and proper safety procedures.



Handling:	Ensure the use of personal protective equipment (see SDS: Section 8) Handle and open container with care. Keep away from heat and sources of ignition. The material is combustible but not classified as flammable. Wash thoroughly after handling. Do not eat and drink or smoke while handling this material.
Storage:	Store in original containers and keep containers tightly closed until ready for use. Store in a cool, dry, well-ventilated place. Note that storage under cool conditions may cause separation of natural waxes which may render the product slightly hazy
Incompatible materials:	Fatty acids in contact with un-lined mild steel containers or pipes can result in slow corrosion, depending upon the length of exposure, Darkening of the material may also occur.

### Disclaimer

The data contained herein is believed to be accurate. However, neither the above named supplier nor of its partners or distributors assumes any legal liability whatsoever for the accuracy or completeness of information contained herein. Users should undertake sufficient verification and testing to determine the suitability for their own purpose of any product or information contained herein.