



**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 Email: info@oleo.co.za

Oleotall R1-2

Customized tall oil fatty acid

Oleotall R1-2 is a customized blend of tall oil fatty acids from renewable crop sources to define a product of nominally one to two percent rosin content and which provides good drying properties to non-yellowing air-dry alkyd resins and varnishes. Oleotall R1-2 can be used as a substitute for Scandinavian tall oil fatty acids.

Physical Properties

Property	Description
Appearance @25 °C	Clear light yellow liquid
Acid value (mgKOH/g)	195 - 201
Rosin content, (%)	0.5 - 2
Colour, Gardner	1 - 3
Polyunsaturated fatty acid content, (%)	58- 65

Useful Product Information

CAS Number	61790-12-3
EINECS	232-304-6
HS Code	382313
Flash Point , (°C)	205
Cloud Point, (°C)	Approx. 16
Specific gravity, 25/25°C	Approx. 0.903
Solubility	Insoluble in water. Soluble in most organic solvents

Applications

Chemical Intermediates	alkyds and other protective coating resins
Corrosion inhibitors	Lubricants
Defoamers	Metalworking fluids
Emulsifiers	Plasticizers
Printing Inks	Soaps & Detergents
Rubber paper	Synthetic detergents



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Feature & Benefits

Oleotall R1-2 is a low cost unsaturated fatty acid (linoleic acids) and is a source of low boiling point fatty acids widely used in alkyds and other protective coating resins

Oleotall R1-2 is light in colour and low in rosin, consistent, cost-effective, and a source of liquid fatty acid. The utility of Oleotall R1-2 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 R3-3F, 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

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