



**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 BR6-6

### Customized tall oil fatty acid

Oleotall BR6-6 is a customized blend of tall oil fatty acids from renewable crop sources to define a product of nominally six percent rosin content and which provides good drying properties and gloss to non-yellowing air-dry alkyd resins and varnishes. Oleotall BR6-6 can be used as a better substitute for soyabean oils and fatty acids.

### Physical Properties

| Property                                | Description               |
|-----------------------------------------|---------------------------|
| Appearance @25 °C                       | Clear light yellow liquid |
| Acid value (mgKOH/g)                    | 192 - 199                 |
| Rosin content, (%)                      | 5 - 7                     |
| Colour, Gardner                         | 3 - 5                     |
| Polyunsaturated fatty acid content, (%) | 46 - 52                   |

### 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                       |

### Useful Product Information

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| CAS Number                | 61790-12-3                                              |
| EINECS                    | 232-304-6                                               |
| HS Code                   | 382313                                                  |
| Flash Point, (°C)         | 205                                                     |
| Cloud Point, (°C)         | Approx. 15                                              |
| Specific gravity, 25/25°C | Approx. 0.903                                           |
| Solubility                | Insoluble in water.<br>Soluble in most organic solvents |



Oleotall BR6-6

# 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

## Feature & Benefits

Oleotall BR6-6 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 BR6-6 is light in colour and low in rosin, consistent, cost-effective, and a source of liquid fatty acid. The utility of Oleotall BR6-6 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, R2-2, 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)<br>Handle and open container with care.<br>Keep away from heat and sources of ignition. The material is combustible but not classified as flammable.<br>Wash thoroughly after handling.<br>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.