



**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

Oleolene IOP 130

Customized vegetable fatty acid

Oleolene IOP 130 is a distilled fatty acids derived from renewable agricultural resources such as non-edible sunflower seed and soyabean oil, designed specifically for use in non-yellowing, solvent-based alkyd paints and varnishes.

Physical Properties

Property	Description
Appearance @25 °C	Clear light yellow liquid
Acid value (mgKOH/g)	196 - 201
Iodine value (mgI ₂ /100g)	125 - 135
Colour, Gardner	1 - 4
Polyunsaturated fatty acid content, (%)	50 -65
Saturated fatty acids, (%)	10 - 15

Applications

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

Useful Product Information

CAS Number	68648-24-8
EINECS	271-984-9
HS Code	-
Flash Point , (°C)	205
Cloud Point, (°C)	Approx. 17
Specific gravity, 25/25°C	Approx. 0.903
Solubility	Insoluble in water. Soluble in most organic solvents



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Feature & Benefits

Liquid vegetable fatty acids are unsaturated fatty acid (linoleic acids) and is a source of low boiling point fatty acids widely used in alkyds and other protective coating resins

Oleolene IOP 130 is light in colour, consistent, cost-effective, and a source of liquid fatty acid. The utility of Oleolene IOP 130 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

Oleolene IOP 110, IOP 115, IOP 120

Personal Protective Equipment



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



Industrial Oleochemical Products, Jacobs, South Africa

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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