



**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 120

### Customized vegetable fatty acid

Oleolene IOP 120 is a distilled fatty acids derived from renewable crop-based fatty oils which finds use in the manufacture of soaps and detergent formulations.

### Physical Properties

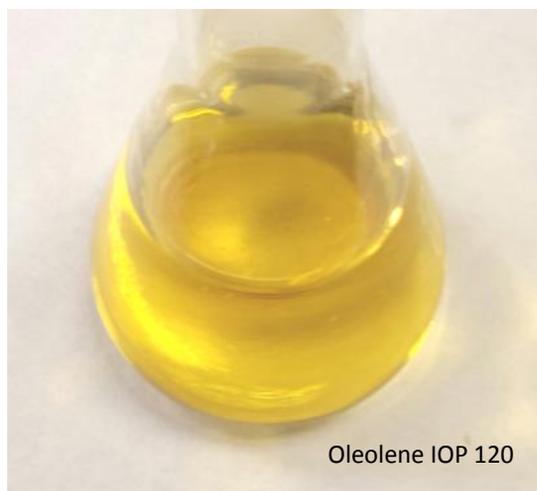
Property	Description
Appearance @25 °C	Clear light yellow liquid
Acid value (mgKOH/g)	192 - 200
Iodine value (mgI <sub>2</sub> /100g)	110 - 130
Colour, Gardner	3 - 6

### Useful Product Information

CAS Number	68648-24-8
EINECS	271-984-9
HS Code	-
Flash Point , (°C)	205
Cloud Point, (°C)	Approx. 25
Specific gravity, 25/25°C	Approx. 0.895
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



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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 detergent formulations

Oleolene IOP 120 is light in colour, consistent, cost-effective, and a source of liquid fatty acid. The utility of Oleolene IOP 120 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 130**

## Personal Protective Equipment



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



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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.