

# PROTECO PTY LTD

## Sunflower Oil

(*helianthus annuus*)



Sunflower oil contains vitamins A, B, D and E and is high in unsaturated fatty acids such as linoleic acid (omega 6).

Sunflower oil has diuretic properties, is expectorant and contains inulin which is used in the treatment of asthma. Sunflower Oil is popular in skin care products, hair conditioners and bath oils.

Specification Details	
Additives	Nil
Appearance	Bright and Clear
Colour	Pale Golden Yellow
FFA	1.5% Max
Flavour/Taste	Natural, typical sunflower
Iodine Value (Wijs or Hanus)	120-139
Moisture %	- -
Odour	Typical sunflower
Peroxide Value (meq/kg)	<5.0
Refractive Index at 40 C	1.46 - 1.68
Saponification Value	188 - 195
Specific Gravity at 25 C	0.922 - 0.996

Fatty Acid Profile			
C16 Palmitic	2.9%	Total Saturated Acids	9.6%
C16:1 Palmitoleic	0.1%	Total Monounsaturated Acids	86%
C18 Stearic	4.2%	Total Polyunsaturated Acids	4.4%
C18:1 Oleic	86.2%		
C18:2 Linoleic	3.3%		
C18:3 Linolenic	1.1%		