

The Soap Kitchen

Specification Sheet

Product Name:	R.D Cottonseed Oil
Supplier Name:	The Soap Kitchen Unit 2 D&E Hatchmoor Industrial Estate Torrington, Devon. EX38 7HP
Telephone Number:	01805 622944
Fax Number:	0870 4586724
Mobile Number:	07795 414 061
E-Mail Address:	info@thesoapkitchen.co.uk
Web Address:	www.thesoapkitchen.co.uk
Description:	This oil is produced by the refining, bleaching And deodorizing of the crude oil obtained From the seeds of the cotton plant.

Analytical details:	
Appearance:	Clear, bright pale yellow liquid
Acid Value:	0.2 maximum (Ex Wks)
Free Fatty Acid (as oleic):	0.1% maximum
Peroxide Value meq/kg:	1.0 maximum (Ex Wks)
Refractive Index @ 20°C:	1.463 – 1.468
Specific Gravity @ 15.5°C:	0.922 – 0.925
Colour Lovibond 5.25" cell:	5.0 Red maximum
Iodine Value Wijs:	99 - 119
Smoke Point °C:	210°C minimum
Flash Point °C:	271°C minimum
Soap:	Nil
Moisture:	0.10% maximum

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Typical Fatty Acid Composition:	R.D Cottonseed Oil
C14:0 Myristic Acid	: 1 maximum
C16:0 Palmitic Acid	: 21 – 26
C16:1 Palmitoleic Acid	: 0.5 – 1.5
C18:0 Stearic Acid	: 1 - 5
C18:1 Oleic Acid	: 15 - 25
C18:2 Linoleic Acid	: 48 - 56
C18:3 Alpha Linolenic Acid	: 1 maximum
C20:0 Arachidic Acid	: 1 maximum

Typical Nutritional Information:	
Energy KJ	: 37 KJ (Average Values per 100g)
Energy Kcal	: 9 Kcal (Average Values per 100g)
Total Fat	: 100
Saturated Fatty Acids	: 26 typical
Monounsaturated Fatty Acids	: 20
Diunsaturated Fatty Acids	: 53
Polyunsaturated Fatty Acids	: 4
Protein	: Nil
Total Carbohydrates	: Nil
Carbohydrate Sugars	: Nil
Cholesterol	: Nil
Salt	: Nil
Dietary Fibre	: Nil
Added Water	: Nil
Acidity as Acetic	: Nil
Acidity as Citric	: Nil

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Contaminants: R.D Cottonseed Oil

Heavy Metals:

Iron (Fe)	:	1.5 ppm maximum
Copper (Cu)	:	0.1 ppm maximum
Lead (Pb)	:	0.1 ppm maximum
Arsenic (As)	:	0.1 ppm maximum

Pesticide Residues:

Organophosphorous	Nil
Organochlorine	Nil

Polycyclic Aromatic Carbons:

PAH Heavy	5 ppb typical
PAH Total	25 ppb typical

Maximum level of Dioxins (PCDD + PCDF) WHO-PCDD/F – TEQ = 0.75 pg/g

Disclaimer:

The information contained herein is accurate to the best of our knowledge.
No liability can be accepted arising out of the use, application or processing of this material
It is the Users responsibility to determine safe conditions for the use of this product.
As this is a wholly natural material some parameters may differ due to natural variation and climate change.

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