



# Kalahari Melon Seed Oil

## Technical Data Sheet

Company Information		
<b>Supplier Information</b> <i>American Distribution Center</i>	<i>DLG Naturals Inc.</i> <a href="mailto:sales@dlgnaturals.com">sales@dlgnaturals.com</a> +1-844-354-6677	2949 West Venture Drive Ste 100; dock 130 Janesville, WI 53546
<b>Supplier Information</b> <i>Botswana Production Center</i>	<i>DLG Naturals BW</i> <a href="mailto:sales@dlgnaturals-bw.com">sales@dlgnaturals-bw.com</a> +267 74 118 639	<i>Mailing Address:</i> PO Box 909 Gaborone, Botswana  <i>Physical Location:</i> Plot 4313, Gasiko Ward Gabane, Botswana

Overview Information	
Botanical Name	Citrullus lanatus
INCI Name (USA)	Citrullus lanatus (watermelon) seed oil
CAS Number	90244-99-8
EC Number	290-802-9

## Product Specifications

Description	Botanical oil pressed from the seeds of Citrullus lanatus
Physical State	Liquid at 75°F / 25°C
Color	Semi-transparent yellow
Odor	Low; characteristic of seed-oils
Taste	Low; characteristic of seed-oils (not intended for consumption)
Specific Gravity	0.906 - 0.922
Refractive Index	1.463 - 1.475
Iodine Value	122 - 129 g/100g
Saponification Value	188 - 196 (KOH/g)

## Fatty Acid Profile

Avg. Saturated Fatty Acids	19%
Avg. Monounsaturated Fatty Acids	17%
Avg. Polyunsaturated Fatty Acids	64%
Myristic Acid - 14:0	< 1%
Palmitic Acid - 16:0	6 - 13%
Stearic Acid - 18:0	5 - 11%
Oleic Acid (Omega 9) - 18:1	10 - 24%
Linoleic Acid (Omega 6) - 18:2	55 - 70%
Alpha-linolenic Acid (Omega 3) - 18:3	< 1%

Storage Conditions	
Overview	Stable; 2-3+ year shelf life in optimal conditions
Optimal Storage Conditions	Sealed, non-transparent container in dry, cool, well-ventilated area
Safe Temperature	60-75°F / 18-25°C Higher temperature may reduce shelf life; cooler temperature may cause partial solidification ("ghosting"); gently heat to safe temperature should solidification occur
Light Sensitivity	Low, may increase peroxide and/or iodine levels; store out of direct sunlight for prolonged periods
Moisture Sensitivity	Moderate, may increase risk of bacterial growth; store in sealed container
Oxidation Sensitivity	Moderate, may increase peroxide and/or iodine levels; store in sealed container

Safety	
Overview	Generally safe
Inhalation	May cause lung congestion; seek immediate medical attention in case of inhibited breathing
Ingestion	Not harmful
Eye Contact	Rinse eyes until clean; may result in irritation, seek medical attention if symptoms persist
Skin Contact	Not harmful
Allergic Reaction	Rare; thoroughly wash area with soap and water; seek medical attention if symptoms persist
Toxicological Information	N/A
Occupational Exposure Limit	N/A
Flammable	Yes; keep away from flame and heaters

This information is accurate to the best of our knowledge and was compiled through testing methods and with the assistance of our suppliers, harvesters and processors. This product was imported for external and/or cosmetic use only. We make no warranty, either expressed or implied, in the complete accuracy of the information listed herein. The data in this analysis is used only as an average for the solicitation of the aforementioned botanicals. Suggestions for the use and application of the products and guide formulations are given for informational purposes only and without commitment. DLG Naturals, Inc. does not assume any liability or risk involved in the use of its products as the conditions of use are beyond its control. The user of the products is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

