

# ROSEHIP OIL ORGANIC

## PRODUCT DATA SHEET



**ROSEHIP OIL ORGANIC** is extracted from Rosa Aff. Rubiginosa, a delicate rose which grows wild on the high mountains in Chile and which is known locally as Rosa Mosqueta. Textron's **ROSEHIP OIL ORGANIC** is a natural, cold pressed, ORGANIC vegetable oil.

**ROSEHIP OIL ORGANIC** contains around three-quarters essential fatty acids, oleic, linoleic and linolenic, which are needed for the synthesis of prostaglandins, cell membranes and tissue regeneration. **ROSEHIP OIL ORGANIC** also contains natural Tretinoin or Retinoic Acid (Vitamin A derivative), which replenishes and helps rebuild skin tissue and natural anti-oxidants (Vitamin E).

The unique properties of **ROSEHIP OIL** were discovered through scientific studies conducted at the Universities of Concepcion (Chile) and Missouri (USA). These studies showed that application of **ROSEHIP OIL** effectively helped in attenuating scars, wrinkles and stretch marks; in preventing premature aging and in regaining natural colour and tone.

### TECHNICAL DATA

<b>Appearance:</b>	Orange oil with a characteristic mild, pleasant odour.
<b>Peroxide value:</b>	≤ 8.0 meq O <sub>2</sub> /Kg oil
<b>Specific gravity:</b>	0.924 - 0.931 g/ml
<b>CAS No:</b>	84603-93-0

Fatty Acid	Composition
<b>Oleic acid (Omega 9)</b>	<b>13 - 18 %</b>
<b>Linoleic acid (Omega 6)</b>	<b>41 - 49 %</b>
<b>Alpha-Linolenic acid (Omega 3)</b>	<b>29 - 37 %</b>

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### APPLICATION



**ROSEHIP OIL ORGANIC** offers ease of spreading, great penetration and significant moisture retention. It is very effective in halting and even reversing the effects of sun radiation on the skin. In general, it is useful in all kinds of cell regeneration face treatments, pore reduction and acne treatments.

**ROSEHIP OIL ORGANIC** may be applied directly to the skin and hair. It may also be easily incorporated as an active ingredient or an ideal carrier in skin and hair care products. It is ideally suited for anti wrinkle and sun care products. The recommended dosage is between 3 and 10%.

**INCI Name:** Rosa Canina (Rosehip) Fruit Oil



**ROSEHIP OIL ORGANIC****CODE** 008093      **SPECIFICATION**      **Nº** 00809301

<b>PARAMETERS</b>	<b>SPECIFICATIONS</b>	<b>EDITION - 18/04/2008</b>
Specific Gravity ( 20°C)	0.924 -0.931	
Refractive Index	1.475 - 1.485	
Iodine Value ( g I2/100 g )	165 -185	
Peroxide Value ( meq O2/Kg )	max. 8	
F.F.A ( % acido oleico )	max. 2.5	
Saponification Value ( mg KOH/g )	185 - 195	
Unsaponifiable Matter ( mg /100 g)	max. 2.5	
<b>FATTY ACID PROFILE ( % )</b>		
Palmitic acid	3.0 - 5.0 %	
Palmitoleic acid	0.1 -0.3 %	
Stearic acid	1.0 - 3.0 %	
Oleic acid	13 - 18 %	
Linoleic acid	41 - 49 %	
Linolenic acid	29 - 37 %	
Arachidic acid	max. 2.0 %	
Eicosenoic acid	max. 1.0 %	

**PACKING****REMARKS**

KEEP FULL AND WELL CLOSED IN A DRY PLACE AND AWAY FROM LIGHT.