

TECHNICAL DATA SHEET

Product Name	SEA BUCKTHORN OIL
Botanical Name	Hippophae rhamnoides
Product Code	PCO4045
CAS #	90106-68-6 ; 225234-03-7
EINECS #	290-292-8
INCI Name	Hippophae Rhamnoides (Sea Buckthorn) Fruit Oil

Part Used	Fruit pulp
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Deep reddish orange to dark orange colored thick liquid
Odour	Characteristic mildly sweet, musky, earthy odour
Refractive Index	1.450 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	170 - 200
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	30 - 100
Acid Value (mgKOH/g)	Less than 10.0
Cartenoids (mg/100g)	Minimum 200
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

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