

# FOAMATION PC Q ULTRA V

*Purified Quillaja Saponaria Extract*



**FOAMATION® PC Q ULTRA V is the natural & vegan aqueous extract of the Chilean Soap Bark Tree (Quillaja saponaria Wood Extract).**

The Quillaja tree is native to Chile and grows only in the Andean region, the perfect environment for this unique tree which provides a rich source of triterpenic saponins with multiple applications for personal care.

**SURFACTANT - EMULSIFIER - GENTLE FOAMING AGENT**

## **RESPONSIBLE HARVESTING TECHNIQUES**

Desert King have pioneered a sustainable forestry management technique utilising branches, bark & limbs, rather than felling trees, to avoid reducing native forests, earning them recognition from the Chilean Ministry of Forestry.



## **SUSTAINABLE RAW MATERIAL SUPPLY**

By establishing dedicated Quillaja plantations, Desert King is reducing pressure on native forests and ensuring a long term sustainable harvest. Desert King's goal is to fully transition to plantation raw materials over the next few years.

## **CARBON-NEUTRAL PROCESSING**

The Quillaja biomass by-product (cake) which remains after extraction is used to provide power for Desert King's processing plant in Chile, thus creating a circular economy.



2 of 7

**100% NATURAL - VEGAN - SUSTAINABLE - BIODEGRADABLE**

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## TECHNICAL SPECIFICATION

<b>Composition</b>	≥ 18.0 % w/w purified Quillaja Extract solids < 1.0 % w/w citric acid 80.0 ± 2.0 % w/w Loss on Drying	
<b>Concentration</b>	21.0 ± 2.0°Brix (at 20°C by refractometer) Triterpenic Saponins (determined by RP-UPLC)	14.5 ± 1.5 % w/w
<b>Appearance</b>	Light amber liquid	
<b>Colour</b>	≤ 0.700 absorbance (10°Brix diluted filtered sample, 520 nm)	
<b>Odour</b>	None at recommended usage level.	
<b>Preservative</b>	0.1% w/w sodium benzoate	
<b>pH:</b>	3.80 – 4.80 (direct measurement)	
<b>Microbiological</b>	Yeast: Less than 100 cfu/g Mold: Less than 100 cfu/g Aerobic Plate Count: Less than 1000 cfu/g	
<b>Packaging</b>	Packed in one or five gallon HDPE plastic containers	
<b>Shelf life</b>	Two years when stored at 5 to 25 °C in the unopened originally sealed container.	
<b>Regulatory</b>	Quillaja saponaria Molina is approved for use in food and beverages by the FDA under CFR 172.510, FEMA number 2973, CAS N° 68990-67-0.	



For samples, pricing & product info:  
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