

Aromatum-RSO

Plant part: Aerial Parts

Scientific name: *Galium odoratum*

INCI name: Galium Odoratum Extract

Aromatum-RSO

Product Name: Aromatum-RSO

Plant Name: Sweet Woodruff

Galium odoratum, is a perennial white flowering plant that is widely distributed in Europe, North Africa and parts of Asia.

It is commonly known as Sweet Scented Bedstraw and Wild Baby's Breath, and as its name suggests, it has a strong scent with its fragrance due to the aroma compound, coumarin.



It has been used in traditional herbal medicine to treat wounds and cuts on the skin, as well as a remedy for swelling when applied as an **anti-inflammatory skin tonic**.

Western Herbal Medicine uses *G. odoratum* as a diuretic, tonic and anti-inflammatory agent.

Modern research has shown **significant skin healing and free radical scavenging activity** when treated by aqueous sweet woodruff extract.



[1] Antioxidant and burn healing potential of Galium odoratum extracts, Kahkeshani et al., Res Pharm Sci, 2013, 8(3), p. 197-203

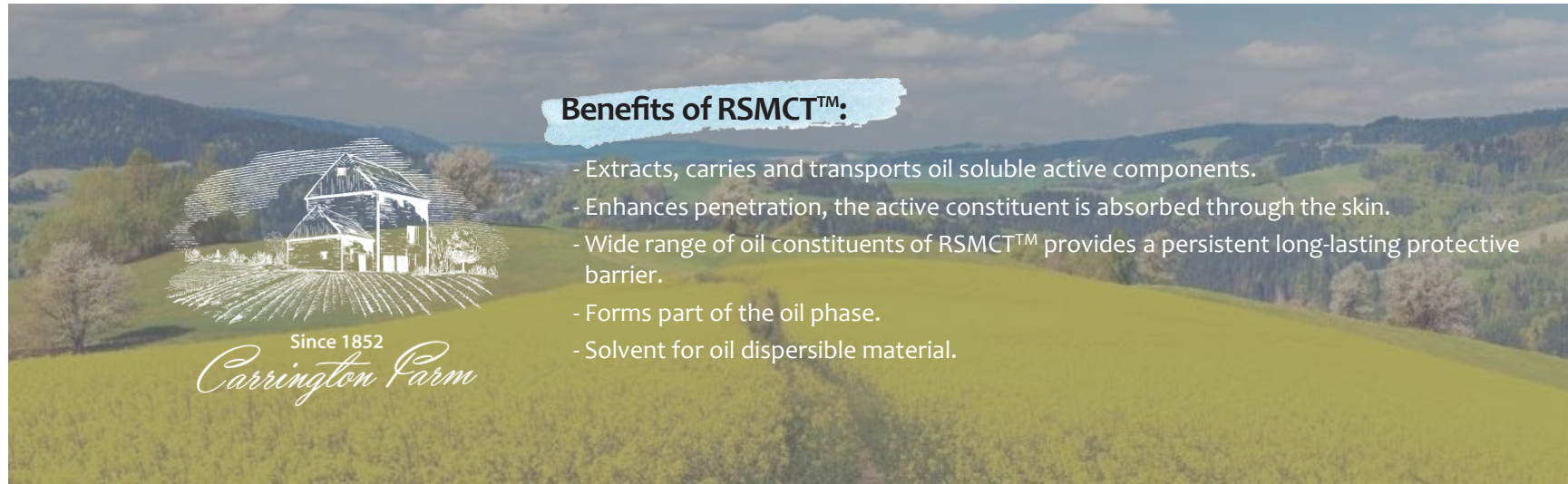
[2] Comparative study of polyphenolic content, and antimicrobial activity of four Galium species (Rubiaceae), Vlase et al., Dig J Nanomater Bios, 2014, 9(3), p. 1085-1094

The Secrets of Caledonia

RSMCT™

Our unique **RSMCT™** contains the properties of an effective solvent and skin-conditioning agent which makes it an excellent carrier oil for our herbal infusions.

The rapeseed oil that we use is produced at Carrington Barns, a local family-run farm just 8 miles south of Edinburgh. The rapeseed is grown at the farm, then cold-pressed to maintain its nutrition and the stability of actives, such as antioxidant molecules.

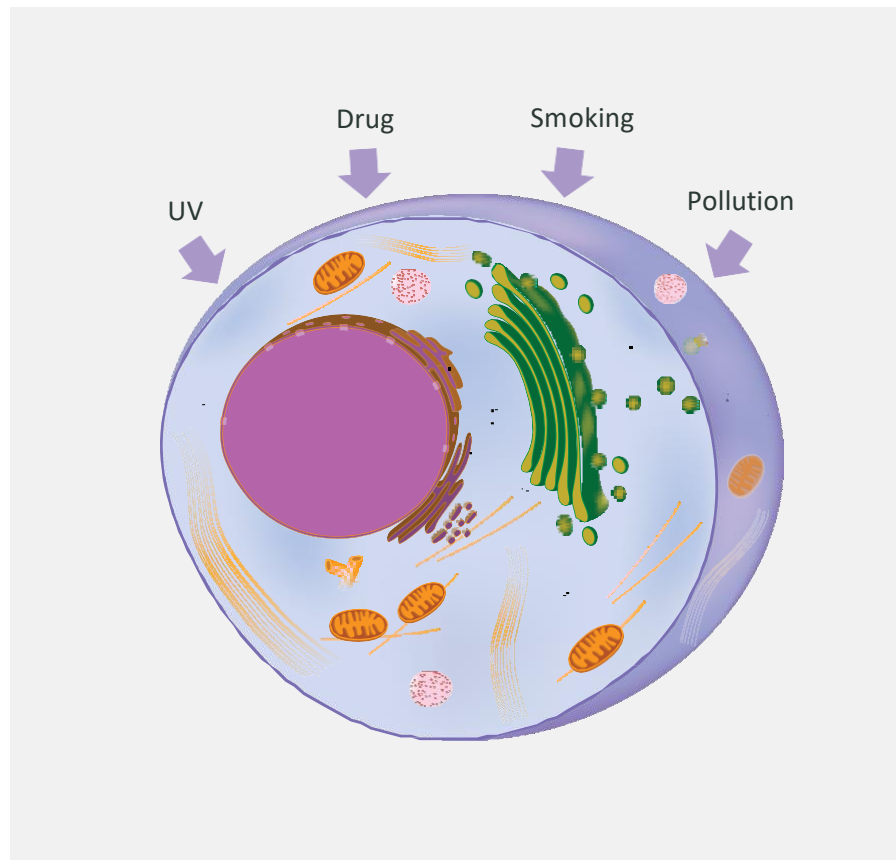


Benefits of RSMCT™:

- Extracts, carries and transports oil soluble active components.
- Enhances penetration, the active constituent is absorbed through the skin.
- Wide range of oil constituents of RSMCT™ provides a persistent long-lasting protective barrier.
- Forms part of the oil phase.
- Solvent for oil dispersible material.

Since 1852
Carrington Farm

Antioxidants

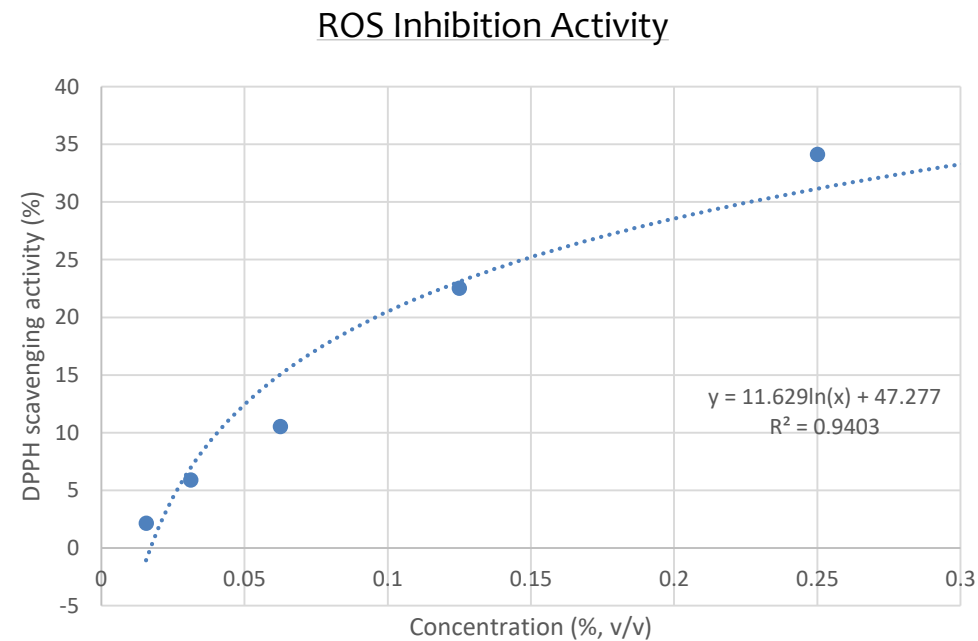


Why are they important?

Our skin is under attack from many factors in daily life, such as UV, pollution and smoking. These factors increase the Reactive Oxygen Species (ROS).

Antioxidants from Galium Odoratum Extract can inhibit the generation of ROS and in turn inhibit cellular damage.

Antioxidant Effects of Aromatum-RSO (*in vitro*)



SC₅₀: 0.35%

Aromatum showed strong free radical scavenging activity.

Good antioxidant activity is critical for anti-ageing efficacy in skin care products.

Reported functions

Ingredient : GALIUM ODORATUM EXTRACT 

| | |
|---|--|
| INCI Name | GALIUM ODORATUM EXTRACT |
| Description | Galium Odoratum Extract is the extract of the whole plant, Galium odoratum, Rubiaceae. |
| INN Name | |
| Ph. Eur. Name | |
| CAS # | |
| EC # | |
| Chemical/IUPAC Name | |
| Cosmetic Restriction | |
| Other Restriction(s) | |
| Functions | <ul style="list-style-type: none"> • ANTIOXIDANT |
| SCCS opinions | |
| Identified INGREDIENTS or substances e.g. | |

Source: European Commission [http://ec.europa.eu/growth/tools-databases/cosing/index.cfm?fuseaction=search.details_v2&id=93112]

Product Information

Product Name : Aromatum-RSO


INCI name : Galium Odoratum Extract

Dosage : 1 – 3%

Formulation : Add to the formulation
when the temperature is lower than 55°C.
Recommended to add after the cooling process.

Storage : Avoid direct light or UV.
Keep it in a cool and dry area.





The Secrets of Caledonia

The Secrets of Caledonia (TSOC) is a supplier of natural cosmetic ingredients inspired by Scottish traditional herbal medicine. Taking advantage of Scotland's biodiversity and working in collaboration with established Scottish herbalists, we aim to provide the most effective and innovative natural ingredients at the highest quality.



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