

Plantaon

Plant part: Leaf

Plant name: Ribwort Plantain

Scientific name: *Plantago lanceolata*

INCI name: Plantago Lanceolata Leaf Extract

IECIC 2015 name: PLANTAGO LANCEOLATA EXTRACT

Plantaon

Plantago lanceolata is a species of flowering plant in the plantain family Plantaginaceae. It is known by the common name ribwort plantain.

It is a common weed on cultivated or disturbed land. It can be found in numerous areas including meadows, sand dunes and in lawns. The plant is a rosette-forming perennial herb, with leafless, silky, hairy flower stems. Each flower can produce up to two hundred seeds. It grows to around 0.5 meters tall and has a flowering period of April to August.

It is native to temperate Eurasia, widespread throughout the British Isles, but scarce on the most acidic soils and needs sunlight to grow. It is present and widespread in the Americas and Australia as an introduced species.



Traditional and Modern Uses

- *Plantago lanceolata* was used frequently in herbal teas and other herbal remedies. A tea from the leaves was commonly used as a cough medicine.
- In the traditional Austrian medicine *Plantago lanceolata* leaves have been used internally (as syrup or tea) or externally (fresh leaves) for treatment of disorders of the respiratory tract, skin, insect bites, and infections.
- Ribwort is used in Europe as a method to calm hay fever/ allergic reactions and is good at combating respiratory issues.
- The plant can be used in cooking, for example, the leaves used for salads or flour made from the seeds.
- One study found that the leaves of *P. lanceolata* has high levels of **antioxidant compounds** and acts as a strong **antioxidant**.

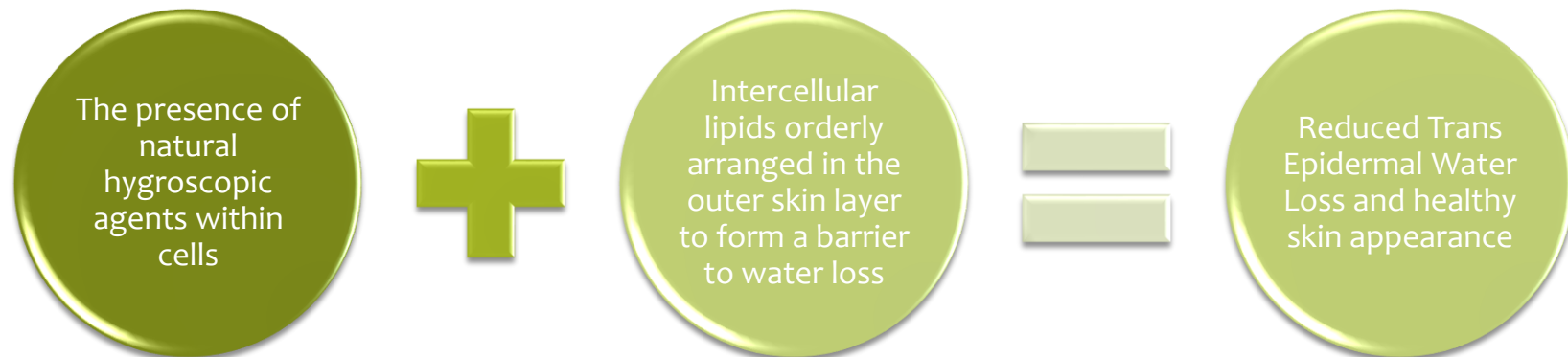


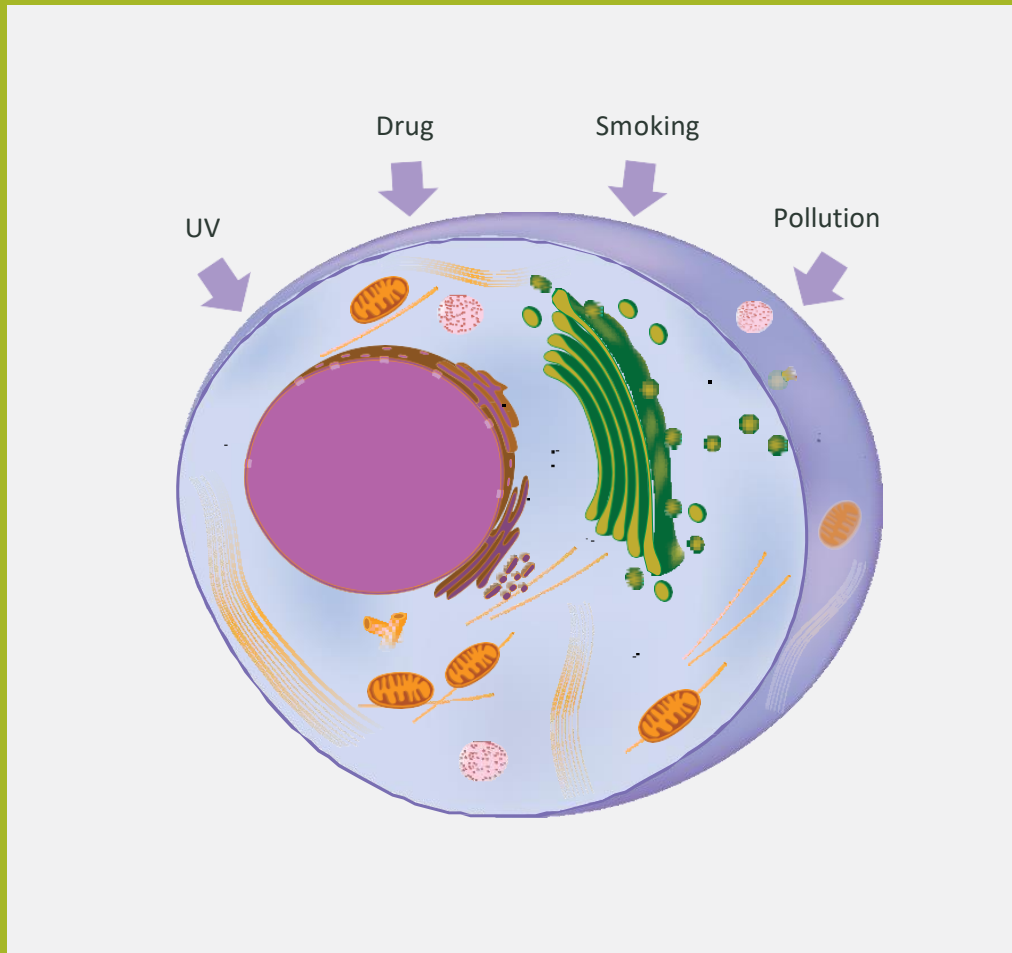
Skin Structure

Four Layers

- Stratum corneum
- Stratum lucidum
- Stratum granulosum
- Stratum spinosum

➤ Retention of water in the skin





Antioxidants

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 Plantaon can inhibit the generation of ROS and in turn inhibit cellular damage.

Plantago Lanceolata Leaf Extract

- **INCI Name:** Plantago Lanceolata Leaf Extract
- **INCI Monograph ID:** 8952
- **VCRP Reported Name:** Plantago Lanceolata Leaf Extract
- **CAS No:** 85085-64-9 (generic)
- **EINECS (I) / ELINCS (L):** 285-388-1 (I)
- **Definition:** Plantago Lanceolata Leaf Extract is the extract of the leaves of *Plantago lanceolata*.
- **SAFETY/REGULATORY INFORMATION**
- **Information Source(s):** UNII: 2YWL9J7EE8
- **Chemical Class(es):** [Botanical Products and Botanical Derivatives](#)
- **Reported Functions:** [Skin-Conditioning Agents - Miscellaneous](#)
- **Reported Product Categories:** [Baby Lotions, Oils, Powders and Creams](#); [Baby Shampoos](#); [Bath Oils, Tablets, and Salts](#); [Body and Hand Preparations \(Excluding Shaving Preparations\)](#); [Cleansing Products \(Cold Creams, Cleansing Lotions, Liquids and Pads\)](#); [Face and Neck Preparations \(Excluding Shaving Preparations\)](#); [Foundations](#); [Fragrance Preparations, Misc.](#); [Indoor Tanning Preparations](#); [Moisturizing Preparations](#); [Powders \(Dusting and Talcum, Excluding Aftershave Talcs\)](#); [Shampoos \(Non-coloring\)](#); [Skin Care Preparations, Misc.](#); [Suntan Preparations, Misc.](#)
- **Ingredient Source(s):** Plant
- **Technical Name(s):**
 - Plantain Extract
 - Plantain Leaf Extract
 - Plantain (Plantago Lanceolata) Extract
- **Trade Name Mixture(s):** [Click here to view full list of Trade Name Mixtures](#)

VCRP Frequency of Use as of 02/2018 :
20

Source: Personal Care Products Council

Reported Functions


Product Information

- **Product Name** : Plantaon
- **INCI name** : Plantago Lanceolata Leaf Extract (China Compliant)
- **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.

 Tel
+44 (0)131 629 9584

 E-mail
marketing@tsocalledonia.co.uk

 Address
Unit 8F Edgefield Rd Ind Est, Loanhead,
EH20 9TB

