



Marigold

Marigold is a very common herbaceous plant of the Mediterranean basin, cultivated today in temperate regions as an ornamental and medicinal plant. Its vivid yellow or orange flower heads, which blossom with the rising sun and which close up at sunset, earned its name of marigold (in Latin, *solsequier* means “that follows the sun”).

Recognized since Antiquity for its calming and healing qualities, unexcelled remedy in phytotherapy for superficial skin problems, the marigold flower has become a key ingredient in skin care ranges for babies and other fragile skins.

IDENTITY PROFILE

Botanic family: Asteraceae

Botanical name: *Calendula officinalis*

Common names: marigold, calendula, gold bloom, marybud, pot marigold, poet's marigold

French names: souci des jardins, safran des pauvres, souci officinal

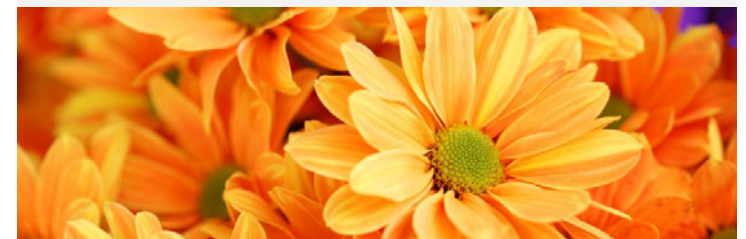
Part used: flower

Active ingredients: faradiol, lycopene, carotene, lutein

Farming country for Herbarom: France

Herbarom references: organic macerated oil

Herbarom quality: certified organic



COSMETIC FOCUS

The marigold's soothing and healing properties have been proven by medical research teams on postoperative lesions, and are recognized by health authorities. It's therefore quite natural that the marigold's macerated oil has become a major ingredient of **sensitive and irritated skin care ranges**, in particular **skin care for babies**.

Baby nappy rash, a frequent reddening that irritates and itches, can therefore be soothed thanks to the anti-inflammatory effect of faradiol, the marigold's main active ingredient. Fatty acids (omega 6) and vitamin E provided by sunflower oil protect and moisturize delicate skin, thus helping it to heal. These properties are clearly suited to all products intended for skin or mucous membranes that are irritated, damaged or have superficial lesions.

BABY applications: nappy change cream, cleansing oil, soothing cream, oleo calcareous liniment, baby lotion ...

DAMAGED SKIN applications: soothing foot cream, lip balm, after-shave balm, soothing face fluid, after-sun milk ...

PROPERTIES *	APPLICATION SUGGESTIONS
soothing repairing	balm cream oil milk

** for guidance purposes only*



A BIT OF HISTORY

Indian, Arab and Greek civilizations have used the marigold since Antiquity for its culinary, medicinal or dyeing virtues. In the 12th century it enjoyed considerable success in Europe as a medicinal plant, cultivated in gardens: Hildegard of Bingen recommended a marigold ointment to treat scaly scalps; Albert le Grand recommended the plant notably to heal or treat insect or snake bites.

In the 19th century, the Eclectics, American doctors advocating a natural alternative to conventional medicine, used marigold ointments to soothe burns and skin lesions.

The marigold is recognized today in dermatology for its soothing and healing properties, and is growing in popularity in baby cosmetics.



ORIGINS & GROWERS

When Anne and Muriel decided to take over their father's small family farm in the Drôme, pioneer region of organic agriculture, Herbarom suggested they cultivate the "*corniche d'or*" marigold. This key reference variety in the cosmetics industry has a flower with a double row of petals, which is particularly rich in faradiol. On their 2000 m² farm, only 10 kms from the Herbarom extraction site, Anne and Muriel produce their own seeds, transplant, hoe and harvest by hand 1 ton of marigolds each year. The two sisters then deliver their entire harvest to Herbarom, to complement its other sources of 100% French marigolds.



PROCESSING & PRODUCT

The oily maceration made by Herbarom is similar to the traditional method of enfleurage in perfumery: the fresh marigold flowers are immersed in a drum of **organic sunflower oil**, which will slowly **infuses itself of their active ingredients**. The fat-soluble elements are extracted out of direct light and at room temperature, thus maintaining maximum activity. After 7 days, the macerate is simply filtered and protected by the addition of antioxidants, then packaged using nitrogen flush sealing.

This extraction and preservation process, developed by Herbarom's experts, ensures **stability** of the organic marigold's macerated oil and preserves its exceptional qualities over time.

ORGANIC MARIGOLD MACERATED OIL – PFVRELCALE28

INCI: Helianthus Annuus Seed Oil, Calendula Officinalis Flower Extract, Tocopherol

ORGANOLEPTIC PROPERTIES: clear yellow liquid and soluble in oily phase

APPLICATIONS: extract particularly adapted to formulations of massage and skin care products



HERBAROM COMMITMENTS

Based in the Drôme, terroir of tradition and the birthplace of organic farming, Herbarom is specialised in the plant extraction and distillation professions. A true pioneer, over the past 25 years it has acquired the know-how and a human dimension to meet new demands in cosmetics, aromatherapy and perfumery.

Quality and safety

Herbarom guarantees the quality of its products based on networks of local independent producers, managed and audited by its own experts.

Eco-design

Herbarom prioritizes plants from organic farming, gentle extraction techniques and eco-design at all stages of production.

Integrity

Ecovadis awarded the Gold medal to Herbarom in 2017 for its CSR policy, reflecting the ethics and transparency of its impact on society and the environment.

