



Botanicals & Natural Actives Coloring Extractive®

The natural colour for sustainable cosmetics

April 2024



Sustainability
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Safflower Extractive®

Safflower is also called *Carthamus tinctorius*. It is a flowering, highly branched, thistle-like annual herb of the composite family Asteraceae. It has long spiny leaves with six oblong-oval leaflets, and groups of yellow flowers arising from the leaf axils. It grows in open areas and is gathered in the summer.



Safflower is thought to be native to Iran, north-western India and possibly Africa. The herb is also found in North America and the Far East.



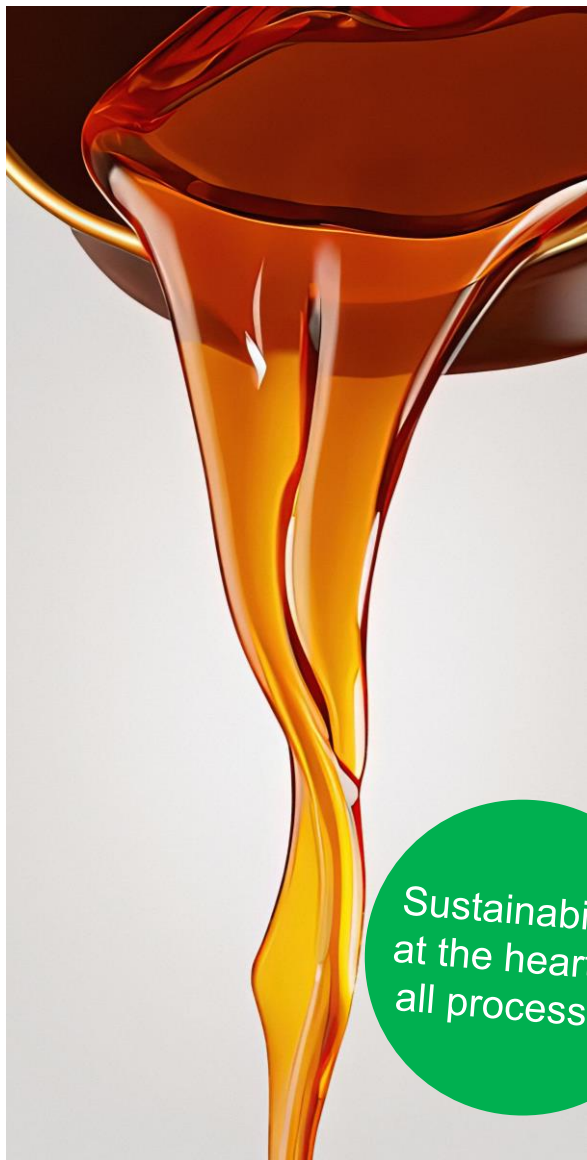
Safflower is often used in anti-aging and sun products in cosmetics. Safflower has antioxidant and anti-inflammatory effects.



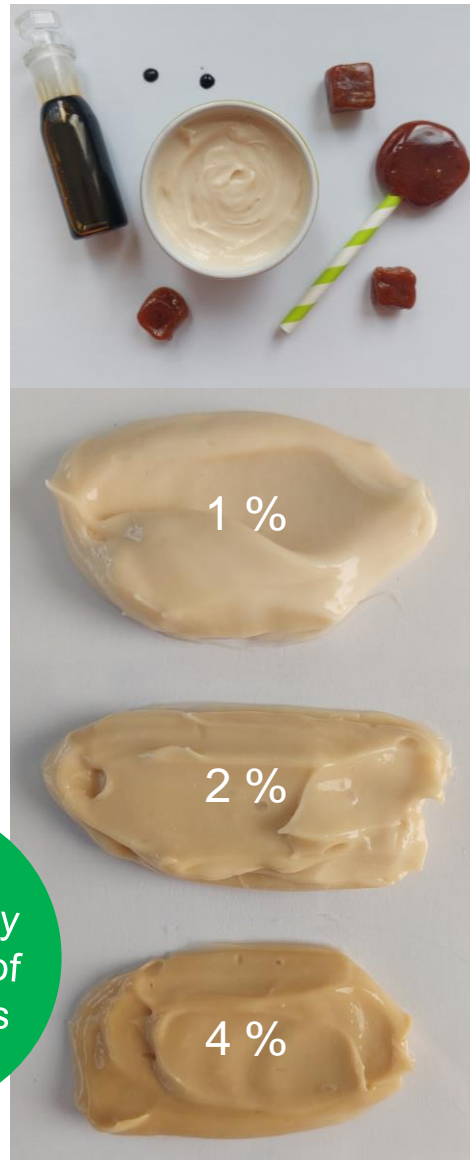
Safflower Extractive® in Bio Glycerine/Water, not preserved, standardised in Safflomin. IECIC listed
INCI: Glycerin, Aqua, Carthamus Tinctorius Flower Extract



COSMOS approved, vegan- and halal suitable.




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Burnt Sugar Bio Extractive®

Burnt sugar is prepared by the controlled heat treatment (slow, > 140°C) of food-grade nutritive sweeteners which are the monomers glucose and fructose and/or polymers thereof, for instance glucose syrups, sucrose or invert syrups.

During heating, sugar transforms into burnt sugar, and in extreme cases into carbon. The colour changes from white to yellow to brown and the taste goes from sweet to bitter. In comparison to many other natural dyes, burnt sugar is relatively stable.

 Burnt sugar is often used to colour cosmetics. Furthermore, burnt sugar also absorbs UVA and, in particular, UVB and can also be used in skin and sun care products.

 Burnt Sugar Bio Extractive® in Bio Glycerine/Water, not preserved, color standardized. IECIC listed
INCI: Glycerin, Aqua, Caramel

 COSMOS approved, vegan- and halal suitable.



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Gromwell Extractive®

Gromwell or red-root gromwell, is *Lithospermum erythrorhizon*, a plant species in the genus *Lithospermum*. It is a perennial plant with lanceolate leaves, which grows up to 40–70 cm. White flowers are borne in clusters in the autumn, followed by grey-white nutlets. The plant part that is used is the dried root, especially the root bark. The roots of at least three-year-old plants are harvested in the spring and autumn.



Gromwell grows wild, mainly in Korea and China. Farming trials have also been started in Japan.



Gromwell is known for its antioxidant, anti-inflammatory, antimicrobial and wound healing effects.



Gromwell Extractive® in Bio Sunflower Oil HO, standardised in Shikonin. IECIC listed
INCI: Helianthus Annuus Hybrid Oil, Lithospermum Erythrorhizon Root Extract



COSMOS approved, vegan- and halal suitable.