

PASSPORT



21026

AC Violet'Blond Toner



Start

Our suppliers source wild teasel, peas, and *Viola tricolor* to our three manufacturing sites.



Final

AC Violet'Blond Toner is a sustainable and innovative solution designed to counteract unwanted warm yellow tones in blonde hair, protect hair from external stressors, and hydrate.



Our manufacturing sites employ cross-linking technology using secondary metabolites from wild teasel in combination with pea starch, bathed in *Viola tricolor* flower juice. Finally, *Lactobacillus* ferment lysate is added as antimicrobial.



Road Map Tour

Prevent brassiness by utilizing color from nature

We have identified potential sustainable alternatives to synthetic colorants for our novel ingredient. In this approach, we explored cross-linking technology using secondary metabolites in combination with pea starch, while also producing natural purple color as outcome, without compromising biodegradability. This innovative approach contributes to a circular economy by reducing environmental impacts. The company's unique sourcing methods at each production site promote sustainable practices. Wild Teasel: harvested in the United States for our NC headquarters; Padova, Veneto region for the Italian manufacturing site; New Zealand for the Taiwanese manufacturing site. Viola Tricolor: sourced from Texas and Emilia Romagna region in Italy. We extract pea starch from whole peas using a cradle-to-cradle technique, ensuring no part goes to waste. The peas are sustainably sourced from Michigan, USA; Sicily, Italy; and the Changhua region in Taiwan.

We are transparent in our supply chain from harvest to production. It's important to know where our raw materials come from and where they are going.

Safety & Toxicology

Non-phototoxic Non-irritant to skin

Non-sensitizing Non-irritant to eyes

Non-harmful to aquatic life

Regulatory

INCI: Dipsacus Sylvestris Extract & Viola Tricolor Flower Juice & Lactobacillus Ferment Lysate & Pisum Sativum (Pea) Starch

CAS: 90131-47-8 & 84012-42-0 & 68333-16-4 (or) 92128-79-5 & 90082-41-0

EUROPE: Compliant

USA: Compliant

JAPAN: Compliant

CHINA: Compliant

Specification



Environmental Impact

Active Concepts Production

0.051 kg CO2e per kg

0.720 kW energy per kg

91.6% Biodegradable after 28 days

0.295 litres water per kg

0.368 kg compost per kg

Animal Welfare

Never tested on animals and made from non-animal-derived ingredients. Neither we nor our supply chain have allowed contact with any animal products, animal by-products, or derivatives.



Ethical Trade

By gathering wild teasels, we contribute to preventing the spread of this plant, which is regarded as a pest in many US states. Our supplier in New Zealand grows certified organic plants and does not use any fungicides or herbicides in the nursery.



Community Welfare

Our New Zealand supplier has the goal to learn from diverse cultures and nature, implement sustainable agriculture best practices, and demonstrate the importance of locally produced food for human and plant survival, and support local communities.



ORIGIN: Botanical

PRESERVATIVES: None

APPEARANCE: Clear to Slightly Hazy Liquid Purple to Dark Purple

SOLVENTS: Water

USE LEVEL: 1-20%

Version#2/11-13-25/Form#163

Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the customer. The company, however, cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. We make no warranty of any kind, expressed or implied, other than that the material conforms to the applicable standard specification. Please note, geographical origin of ingredients are subject to change without notification. Freedom from patent infringement is not implied. All information is for investigative purposes only.