

PASSPORT



16558G

AC Vegetable Ceramides G



Start:

Active Concepts sources rice from the USA, North Italy, and Taiwan for each local Active Concepts manufacturing site.



The rice, *Oryza sativa*, is mechanically grinded and milled at each of our manufacturing sites. Lipophilic components are then isolated, filtered, and cooled to separate the lipid content from the oil. The glycerin (solvent) is diluted and *Leuconostoc/Radish Root Ferment Filtrate* is added as a natural antimicrobial.

Final Stop:

The final product is AC Vegetable Ceramides G, a plant-derived glycosphingolipid complex extracted from rice, designed to naturally strengthen the skin's barrier function while restoring moisture and resilience.



Road Map Tour

Plant-Based Ceramides, Made to Match Your Skin.

Rice is the world's second most extensively cultivated cereal after corn. Although rice is not an aquatic plant, it does require a lot of water to grow. Cultivation underwater is more dominant than "dry cultivation." The large amounts of water required by rice is reused for many other purposes. For example, it is returned to the territorial water system after being reused up to three times for irrigation of other rice fields located downstream. It is also reused for energy production to raise the groundwater level and to feed the resurgences. In addition, rice fields are the habitat for many species of plants and animals, creating a natural environment with great biodiversity. This rich biodiversity survives thanks to the moisture and environmental conditions created by the rice fields.

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

Environmental Impact

Active Concepts Production

0.178 kg CO2e per kg

0.374 kW energy per kg

92.9 % Biodegradable after 28 days

0.403 litres water per kg

0.576 kg compost per kg

Animal Welfare

Never tested on animals and made from non-animal-derived ingredients. Neither we or our supply chain have allowed contact with any animal products, animal by-products, or derivatives.



Ethical Trade

Our suppliers adhere to recognized territorial projects and are devoted to conserving the environment and landscape, as well as encouraging sustainability procedures that respect environmental quality and territorial agricultural activity.



Community Welfare

Collaborating with family-run suppliers close to our manufacturing countries helps support local communities, farming traditions, and agricultural excellence.



Regulatory

INCI: Glycerin & Glycosphingolipids

CAS: 56-81-5 & 308067-30-3

EUROPE: Compliant

USA: Compliant

JAPAN: Compliant

CHINA: Compliant



Specification

ORIGIN: Botanical/Bacteria

PRESERVATIVES: *Leuconostoc/Radish Root Ferment Filtrate*

APPEARANCE: Clear to Slightly Hazy Syrupy Solution, Colorless to Pale Yellow

SOLVENTS: Glycerin

USE LEVEL: 1.00 - 10.00%

Version#1/06-27-2025/Form#163

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