

Noriguard nc

Ecocert-approved active ingredient for the prevention of photo-aging



An alga able to protect itself against daily radiation

- Noriguard nc is an extract based on the Porphyra umbilicalis alga also called Nori
- This red alga lives at the shoreline, exposed to extreme solar radiation
- To protect itself from daily UVA radiation, it naturally produces mycosporine-like amino acids (MAA), able to absorb UVA rays
- Porphyra umbilicalis is also used in nutritional supplements because of its exceptional nutrient composition (high protein content and richness in polyunsaturated fatty acids and vitamins)

INCI: Porphyra Umbilicalis / Porphyra Umbilicalis Extract (and) Sodium Lactate (and) Sodium Benzoate (and) Aqua/ Water

Claims

- Prevents skin photo-aging
- Prevents UV-induced damages on the skin

Applications

Day creams, anti-aging prevention, natural & organic products, hand care, hair care, make-up

Marketing benefits

- Natural and safe protection
- Phenoxyethanol-free and alcohol-free
- ECOCERT approved

Comparison with Helioguard 365

Differences	Helioguard 365	Noriguard nc
Can be used in natural & organic formulations	no	✓
Carrier system	Liposome	no
Alcohol-free	no	✓
Phenoxyethanol-free	no	✓
% of active compound (mycosporine-like amino acids)	0.1	0.05
pH value	5-8	4-6
Transparency	Slightly opaque	transparent
Efficacy tests	Anti-wrinkles, improves skin firmness and smoothness, inhibits lipid peroxidation, reduces UV-induced DNA damage	no