



NEW 2021 PUBLICATION | PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES

EAU THERMALE
Avène
LABORATOIRE DERMATOLOGIQUE

TriAsorB™
UVB - UVA - BLUE LIGHT HEV

PATENTED INNOVATION

A UNIQUE HYBRID ULTRA BROAD SPECTRUM FILTER COVERING UVB UVA & HEV BLUE LIGHT UP TO 450nm
TO PREVENT SKIN CANCER • PHOTODERMATOSES • PHOTOAGING



Innovative



Effective



Safe

Absorbance ultra-wide spectrum
(UVB–UVA–Blue light–Visible light)

Reflectance blue light,
with peak at 450 nm

Protects the skin against
the oxidative DNA lesions
induced by HEV blue light

High photostability
>98%

Very high tolerance

No reported risk to human health

Very low skin penetration

Non soluble organic filter

TriAsorB™
UVB - UVA - BLUE LIGHT HEV

ASSOCIATED WITH 3 ORGANIC SUN FILTERS

A PATENTED FILTERING SYSTEM FOR ULTRA EFFICIENT SUNCARE PRODUCTS

-72% pigmentation
induced
by blue light¹

-95% DNA Lesions
induced
by blue light²

Bacqueville D, Jacques-Jamin C, Dromigny H *et al.* Phenylene Bis-Diphenyltriazine (TriAsorB), a new sunfilter protecting the skin against both UVB + UVA and blue light radiations. *Photochem Photobiol Sci* 2021;20: 1475–1486.

¹ *In vitro* test on reconstructed epidermis exposed to blue light – Quantification of DNA oxidation.

² *In vivo* study performed with the tinted fluid 50+ on 16 subjects.