



## 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

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

Reflectance blue light,  
with peak at 450 nm



#### Effective

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

High photostability  
>98%



#### Safe

- 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 light<sup>1</sup>

**-95%** DNA Lesions induced by blue light<sup>2</sup>

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.

<sup>1</sup> In vitro test on reconstructed epidermis exposed to blue light - Quantification of DNA oxidation.

<sup>2</sup> In vivo study performed with the tinted fluid 50+ on 16 subjects.