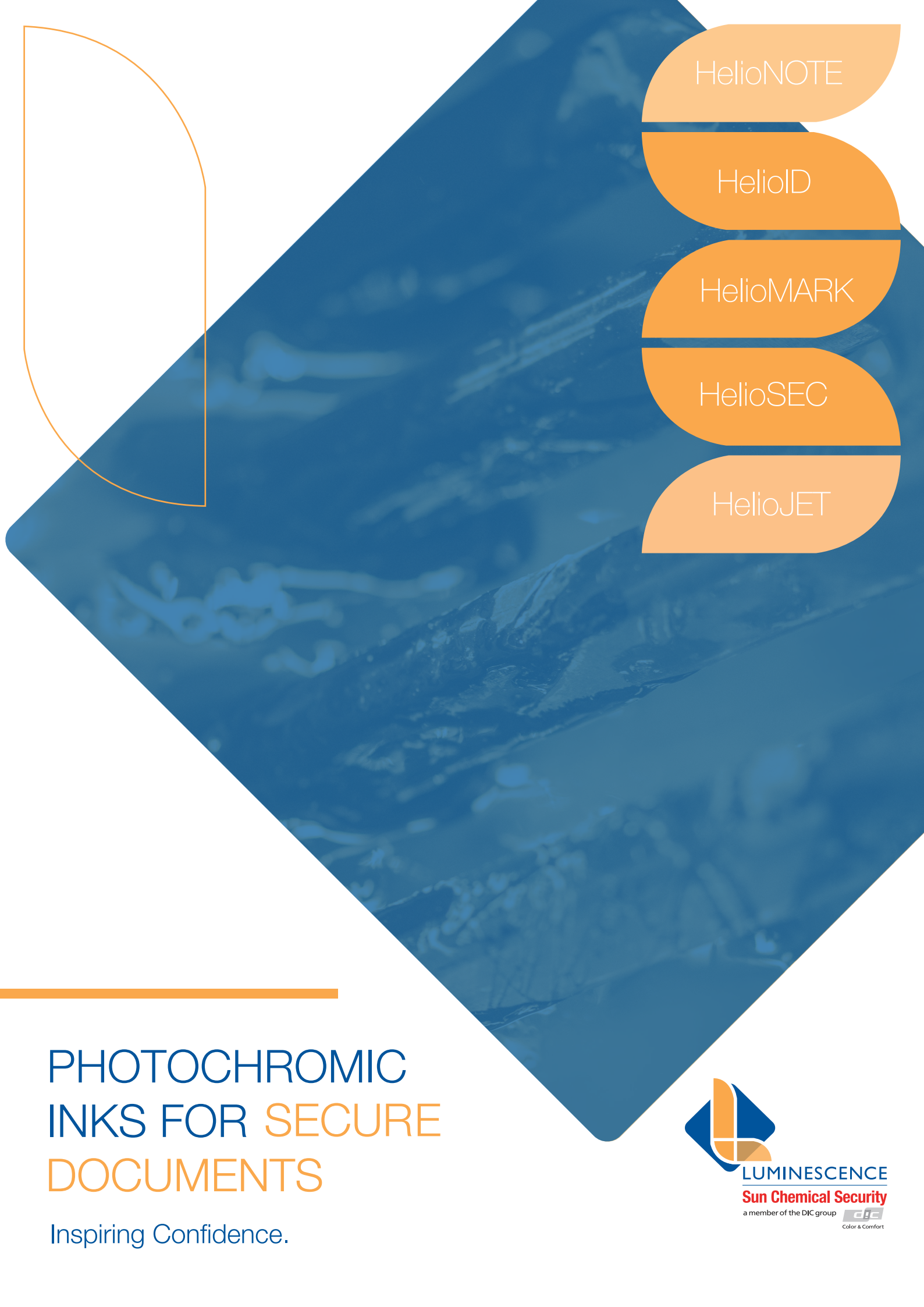




HelioNOTE

HelioID

HelioMARK

HelioSEC

HelioJET

PHOTOCHROMIC INKS FOR SECURE DOCUMENTS

Inspiring Confidence.



LUMINESCENCE

Sun Chemical Security

a member of the DIC group



PHOTOCHROMIC INKS

These inks change colour when they are exposed to either ultra-violet (UV) or natural daylight. They are colourless in their natural state and when illuminated they produce their visible colour. Photochromic inks are reversible, meaning that they will revert to their colourless state when the light source is removed. The change in colour is more immediate and spectacular when using a 365nm UV lamps compared to direct sunlight.

The dramatic nature of the colour change and the possibility to achieve the effect without the use of electronic equipment makes it perfect for securing documents like certificates, tickets and tax stamps.

Photochromic inks are produced in three standard colours; Invisible to Blue, Invisible to Purple and Yellow to Green where Invisible to Purple gives the best contrast between the colourless and coloured state.

These inks can be printed using offset, flexo, gravure and screen processes.

