



## **COSHH DATA SHEET RSOS Solarium Goggles**

### UVA TRANSMISSIONS

The critical area is between 315 - 400nm where, without suitable protection the results could be (eye) photochemical cataract - opaque condition of the lens of the eye - and (skin) pigment darkening.

BS EN 60 335-2-27 : 1997 (clause 32.101) permits a maximum % transmission of  
0.1 between 240 - 320nm    Lenric goggles % transmission within this range 0.03  
1.0 between 320 - 400nm    Lenric goggles % transmission within this range 0.37  
5.0 between 400 - 550nm    Lenric goggles % transmission within this range 0.08

### UVB TRANSMISSIONS

Pathological effects associated with excessive exposure to UVB light occur within the spectral region of 280nm - 315nm. Effects on the eye could be photokeratitis (inflammation of the cornea) and to skin: increased pigmentation.

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