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Photoallergic contact dermatitis in Europe

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# Photoallergic contact dermatitis in Europe

Alastair Kerr

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## **Appendix 1.**

**The 26 agents currently\* listed in Annex VII of the European Commission cosmetic ingredients database, with their maximum permitted concentrations and notification of inclusion in the EMCPPTS or otherwise.**

**\*As at February 2012**

	Organic UV absorber (& Titanium dioxide) (INCI name)	Maximum permitted concentration (%)
Agents tested in the EMCPPPTS	Drometrizole trisiloxane	15
	Homosalate	10
	Benzophenone-3	10
	Terephthalylidene dicamphor sulfonic acid	10
	Octocrylene	10
	Ethylhexyl methoxycinnamate	10
	Isoamyl- <i>p</i> -methoxycinnamate	10
	Diethylhexyl butamido triazone	10
	Methylene <i>bis</i> -benzotriazolyl tetramethylbutylphenol	10
	Disodium phenyl dibenzimidazole tetrasulfonate	10
	<i>Bis</i> -ethylhexyloxyphenol methoxyphenyl triazine	10
	Polysilicone-15	10
	Diethylamino hydroxybenzoyl hexyl benzoate	10
	Phenylbenzimidazole sulfonic acid	8
	Butyl methoxydibenzoylmethane	5
	Ethylhexyl triazone	5
	Ethylhexyl salicylate	5
	Benzophenone-4	5
	4-Methylbenzylidene camphor	4
Agents not tested in the EMCPPPTS	PEG-25 PABA	10
	Ethylhexyl dimethyl PABA	8
	Camphor benzalkonium methosulfate	6
	Benzylidene camphor sulfonic acid	6
	Polyacrylamidomethyl benzylidene camphor	6
	3-Benzylidene camphor	2
	Titanium dioxide (Inorganic reflector)	25

## **Appendix 2.**

**The final version of the EMCPPTS protocol.**

## **Appendix 3.**

**The final version of the EMCPPTS proforma.**

## Appendix 4.

### Copies of relevant peer-reviewed publications.

Peer-reviewed publications which are related to work in this thesis are listed below and bound following this page.

The EMCPPPTS taskforce (Kerr AC first author of group). A European Multi-centre Photopatch Test Study (EMCPPPTS). *Br J Dermatol*, 2012; 166: 1002-9.

Kerr AC. A survey of the availability of sunscreen filters in the U.K. *Clin Exp Dermatol*, 2011; 36: 541-3.

Kerr AC, Becher G, Ibbotson SH, Ferguson J. Action spectrum for etofenamate photoallergic contact dermatitis (Contact Point). *Contact Dermatitis*, 2011; 65: 117-8.

Kerr AC, Ferguson J. Photoallergic contact dermatitis (Review). *Photoderm, Photoimmunol & Photomed*, 2010; 26: 56-69.

Kerr AC, Shareef M, Dawe RS, Ferguson J. Photopatch testing negative in systemic quinine phototoxicity (Brief communication). *Photoderm, Photoimmunol & Photomed*, 2010; 26: 151-2.

Kerr AC, Niklasson B, Dawe RS, Escoffier A-M, Krasteva M, Sanderson B, Ferguson J. A double-blind, randomised assessment of the irritant potential of sunscreen chemical dilutions used in photopatch testing. *Contact Dermatitis*, 2009; 60: 203-9.

Kerr AC, Woods JA, Ferguson J. Photocontact allergic and phototoxic studies of chlorproethazine. *Photoderm, Photoimmunol & Photomed* 2008; 24: 11-15.

Kerr AC, Muller F, Ferguson J, Dawe RS. Occupational carprofen photoallergic contact dermatitis. *Br J Dermatol*, 2008; 159: 1303-8.