



Australian Government
Department of Health and Ageing
Therapeutic Goods Administration

This part of Chapter 10 of the Australian Regulatory Guidelines for OTC Medicines (ARGOM) was replaced on 18 August 2006. The information below is provided for historical reference only. Please refer to the ARGOM for the most current information.

Sunscreening agents permitted as active ingredients in listed products

Table corrected 16 September 2005

Australian Approved Name (AAN)	EC & USA/FDA name	Synonyms/ abbreviations/ trade names	Maximum concentration
Aminobenzoic acid	4-Aminobenzoic acid		15%
Isoamyl methoxycinnamate	Isopentenyl-4-methoxycinnamate (Isoamyl 4-methoxycinnamate)		10%
Benzophenone		Phenylketone	To be determined
Benzophenone-2	Benzophenone-2	Bis(2,4-Dihydroxyphenyl) Methanone	To be determined
Butyl methoxy dibenzoylmethane	1-(4 tert butylphenyl)-3(4-methoxyphenyl)propane-1,3-dione	Avobenzone, BMDM, 4-tert-butyl-4-methoxy dibenzoylmethane	5%
Cinoxate	Cinoxate		6%
Dioxybenzone	Dioxybenzone	Benzophenone 8	3%
	Ethoxylated ethyl 4-aminobenzoic acid	PEG25 PABA	10%
Padimate O	2-Ethylhexyl 4-dimethylaminobenzoate	Octyl dimethyl PABA	8%
Octyl methoxycinnamate	Octyl methoxycinnamate	Ethylhexyl Methoxycinnamate	10%
Octyl salicylate	2-Ethylhexyl Salicylate		5%
Homosalate	Homosalate	Homomethyl salicylate	15%
Isopropylbenzyl salicylate	4-Isopropylbenzyl Salicylate		To be determined
Menthyl anthranilate	Menthyl Anthranilate	Methyl 2-aminobenzoate	5%
4 Methylbenzylidene camphor	3-(4-Methylbenzylidene)-d-1 camphor		4%
Octocrylene	2-cyano-3,3-diphenyl acrylic acid, 2-ethyl hexyl ester	2-Ethylhexyl-2-cyano-3,3 diphenylacrylate	10%
Octyl triazone	2,4,6-Triamino-(p-Carbo-2'-ethylhexyl-1'oxy)1,3,5-Triazine		5%
	alpha-(2-Oxoborn-3-ylidene)toluene-4-sulphonic acid and its salts		6% (as acid)

Australian Approved Name (AAN)	EC & USA/FDA name	Synonyms/ abbreviations/ trade names	Maximum concentration
Oxybenzone	Oxybenzone	Benzophenone 3	10%
Phenylbenzimidazole sulfonic acid	2-Phenylbenzimidazole-5-sulfonic acid and its potassium, sodium and triethanolamine salts		4%
	N,N,N-Trimethyl-4-(oxoborn-3-ylidenemethyl)anilinium methyl sulfate		6%
	Salicylic acid salts (potassium, sodium and triethanolamine)		To be determined
Sulisobenzone ²		Benzophenone 4	10%
	Sulisobenzone sodium	Benzophenone 5	10%
Ecamsule	Terephthalylidene dicamphor sulfonic acid		10%
Titanium dioxide	Titanium dioxide		25%
Triethanolamine salicylate	Trolamine salicylate		12%
Zinc oxide ¹	Zinc oxide		No limit ¹
Bemotrizinol ³	Bemotrizinol	Tinosorb S	10%
Methylene bis-benzotriazolyl tetramethylbutyl phenol ⁴	2,2'-Methylene-bis-6-(2H-benzotriazol-2-yl)-4-(tetramethyl-butyl)-1,1,3,3-phenol	Tinosorb M	10%
Drometrizole trisiloxane ⁵	phenol,2-(2H-benzotriazol-2-yl)-4-methyl-6[2-methyl-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl	Mexoryl XL	15%
Disodium phenyl dibenzimidazole tetrasulfonate ⁶	2,2'-(1,4-Phenylene) bis-(1-H-benzimidazole-4,6-disulfonic acid, monosodium salt)	Bisimidazylate, Neoheliopan AP	10%

1. Maximum concentration for zinc oxide amended 12 December 2003

2. 'Benzophenone-4' deleted from column 1 and 'Sulisobenzone' moved from column 2 to column 1, 25 June 2004

3. 'Bemotrizinol' added 22 November 2004

4. 'Methylene bis-benzotriazolyl tetramethylbutyl phenol' added, 22 November 2004

5. 'Drometrizole trisiloxane' added, 6 December 2004

6. 'Disodium phenyl dibenzimidazole tetrasulfonate' added, 31 August 2005

Shading indicates that the sunscreen agent is currently under review – new products containing any of these ingredients will not be listed until the review has been completed

Note: Sponsors wanting to market a product containing an active ingredient not on this list must submit data to establish the safety of the ingredient under its proposed conditions of use (See [New active ingredients in sunscreens](#)).