



ORGANIC UVA/UVB FILTERS AND
MICROFINE INORGANIC PIGMENTS
FROM SYMRISE

Symrise has an extensive portfolio of UV filters comprising UVB and UVA filters with the Neo Heliopon® trade name along with zinc oxide inorganic pigments to protect against UV damage.

Neo Heliopan® ORGANIC FILTERS

The Neo Heliopan® products are an extensive range of UV filters protecting against both UVB and UVA radiation. Some are mostly UVB absorbing, some are mostly UVA absorbing and some have broad band UVB and UVA absorbing properties. The following are currently present in our product portfolio:

Product / Symrise Product#	INCI name	USAN	Type of UV absorber	appearance	solubility
Neo Heliopan® AV 660523	Ethylhexyl Methoxycinnamate	Octinoxate	UVB	liquid	oil soluble
Neo Heliopan® 303 600154	Octocrylene	Octocrylene	UVB	liquid	oil soluble
Neo Heliopan® OS 131494	Ethylhexyl Salicylate	Octisalate	UVB	liquid	oil soluble
Neo Heliopan® HMS 182573	Homosalate	Homosalate	UVB	liquid	oil soluble
Neo Heliopan® E 1000 656083	Isoamyl p-Methoxycinnamate	Amiloxate	UVB	liquid	oil soluble
Neo Heliopan® MBC 600266	Methylbenzylidene Camphor	Enzacamene	UVB	solid	oil soluble
Neo Heliopan® Hydro 103089	Phenylbenzimidazole Sulfonic Acid	Ensulizole	UVB	solid	water soluble
Neo Heliopan® BB 116210	Benzophenone-3	Oxybenzone	UVB and UVA	solid	oil soluble
Neo Heliopan® AP 106796	Disodium Phenyl Dibenzimidazole Tetrasulfonate	Bisdisulizole Disodium	UVA-II	solid	water soluble
Neo Heliopan® 357 622501	Butyl Methoxydibenzoylmethane	Avobenzene	UVA-I	solid	oil soluble
Neo Heliopan® MA 600096	Menthyl Anthranilate	Meradimate	UVA-I	liquid	oil soluble

LEGISLATION

The use of UV filters in suncare preparations is legislated differently in different parts of the world. In some countries and regions they are regulated as cosmetics via a positive listing as in the EU and Japan. In other countries they are legislated as over the counter drugs as in the USA, Canada and Australia. It is advised that the legal status of each UV filter be checked for each country the finished formulation will be sold in before formulation work starts. This is especially important if global formulations are required. The table below indicates what we believe the legal status of the Neo Heliopan® UV filters with regards to their allowed concentration limits at the time of going to press, since the legislation process in most countries is a dynamic process and these limits are subject to change. Please note that we take no legal responsibility as to the accuracy of this information, it is meant as a guide only.

LEGISLATION



Product / Symrise Product#	EU	USA	Japan			Asean [1]	China	Taiwan	Sth. Korea	Australia	Brazil	Canada	Sth. Africa
			Rinse- off	Leave -on	mucous membranes								
Neo Heliopan® AV 660523	10.0	7.5	20.0	20.0	8.0	10.0	10.0	10.0	0.5 – 7.5	10.0	10.0	8.5	10.0
Neo Heliopan® 303 600154	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	0.5 – 10.0	10.0	10.0	12.0	10.0
Neo Heliopan® OS 131494	5.0	5.0	10.0	10.0	5.0	5.0	5.0	5.0	0.5 – 5.0	5.0	5.0	6.0	5.0
Neo Heliopan® HMS 182573	10.0	15.0	10.0	10.0	10.0	10.0	10.0	10.0	0.5 – 10.0	15.0	15.0	15.0	10.0
Neo Heliopan® E 1000 656083	10.0	not allowed	not allowed	not allowed	not allowed	10.0	10.0	not allowed	0.5 – 10.0	10.0	10.0	not allowed	10.0
Neo Heliopan® MBC 600266	4.0	not allowed	not allowed	not allowed	not allowed	4.0	4.0	not allowed	0.5 – 5.0	4.0	4.0	6.0	4.0
Neo Heliopan® Hydro 103089	8.0	4.0	3.0	3.0	not allowed	8.0	8.0	4.0	0.5 – 4.0	4.0	8.0	8.0	8.0
Neo Heliopan® BB 116210	10.0	6.0	100.0	5.0	5.0	10.0	10.0	6.0	0.5 – 5.0	10.0	10.0	6.0	10.0
Neo Heliopan® AP 106796	10.0	not allowed	not allowed	not allowed	not allowed	10.0	10.0	not allowed	0.5 – 10.0	10.0	10.0	not allowed	10.0
Neo Heliopan® 357 622501	5.0	3.0 [2]	10.0	10.0	10.0	5.0	5.0	3.0	0.5 – 5.0	5.0	5.0	5.0	5.0
Neo Heliopan® MA 600096	not allowed	5.0	not allowed	not allowed	not allowed	5.0	?	not allowed	0.5 – 5.0	5.0	5.0	5.0	5.0

Allowed amount in %

[1] Asean = Indonesia, Thailand, Malaysia, Vietnam, Cambodia, Laos, Brunai, Darussalam, Myanmar, Philippines, Singapore

[2] Allowed to be used alone or in combination with Ethylhexyl Methoxycinnamate, Cinoxate, Benzophenones 3 and 4, Ethylhexyl Salicylate, Homosalate and TEA Salicylate