



The Superior Concept for Physical UV-Filters

GranLux® is the scientifically superior way of introducing physical UV filters to **sun- and skincare** as well as **colour cosmetic applications**. Independent tests have repeatedly proven that GranLux® dispersions outperform competing products with regard to efficacy and easy of use.

The GranLux® products are developed according to scientific principles. This together with avoiding unnecessary ingredients provides enhanced stability and efficacy performance. Many times the products already contain a well performing emulsifier. Formulating UV-protection products is never easy but using GranLux® and Granula Ltd's expertise helps in making a difference. Formulating help is available for lotions, creams, oil free products, gels, lipsticks and various colour cosmetic applications.

GranLux® custom-made products

The best products are mostly made in close co-operation with you - the cosmetic formulator and Granula Ltd's experts. Please ask our representatives for details.

GranLux® standard products

Many times it is not necessary to invent the wheel again. Granula Ltd. has several products ready which might suite your needs:

<i>Application</i>	<i>GranLux®</i>	<i>INCI constituents</i>
w/o sun- and skincare with high efficacy	GAI-45	Titanium dioxide, Isononyl isononanoate, Polyglyceryl-4-isostearate, Cetyl PEG/PPG 10/1 Dimethicone, Hexyl laureate, Aluminium hydroxide, Stearic acid
w/o sun- and skincare with high efficacy and UVA protection	GAI-50TMBBT	Titanium dioxide, Methylene Bis Benzotriazolyl Tetramethylbutylphenol, Isononyl isononanoate, Polyglyceryl-4-isostearate, Cetyl PEG/PPG 10/1 Dimethicone, Hexyl laureate, Aluminium hydroxide, Stearic acid
w/o sun- and skincare with high efficacy and UVA protection	GAI2-45TZ	Titanium dioxide, Zinc oxide, Isononyl isononanoate, Polyglyceryl-4-isostearate, Cetyl PEG/PPG 10/1 Dimethicone, Hexyl laureate, Dimethicone, Alumina
W/O Skin and suncare	GAI-45 TC	Titanium dioxide, Cerium dioxide, Isononyl isononanoate, Polyglyceryl-4-isostearate, Cetyl PEG/PPG 10/1 Dimethicone, Hexyl laureate, Aluminium hydroxide, Stearic acid, Silica
o/w sun- and skincare lotions	GTI2-45	Titanium dioxide, Polyglyceryl-3 Methylglucose Distearate, Isononyl Isononanoate, Dimethicone, Alumina
	GTI2-45TZ	+ Zinc oxide
	GTI-45TMBBT	+ Methylene Bis Benzotriazolyl Tetramethylbutylphenol
o/w daily creams and lotions, gel in gel structures	CCT-40	Titanium dioxide, Caprylic/capric mono/diglycerides, Dimethicone, Alumina
o/w daily creams	EM-50	Titanium dioxide, Cetearyl alcohol, Cetearyl glucoside, Dimethicone, Alumina



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<i>Application</i>	<i>GranLux®</i>	<i>INCI constituents</i>
o/w biocosmetic high efficacy creams	TEM2-45	Titanium dioxide, Caprylic/capric triglycerides, Cetearyl alcohol, Cetearyl glucoside, Dimethicone, Alumina
o/w biocosmetic high efficacy creams with UVA protection	TEM-45TMBBT	Titanium dioxide, Methylene Bis Benzotriazolyl Tetramethylbutylphenol , Caprylic/capric triglycerides, Cetearyl alcohol, Cetearyl glucoside, Aluminium hydroxide, Stearic acid
	TEM-45TZ	Titanium dioxide, Zinc oxide, Caprylic/capric triglycerides, Cetearyl alcohol, Cetearyl glucoside, Aluminium hydroxide, Stearic acid
o/w and w/o high efficacy products	TG2-50M1	Titanium dioxide, Caprylic/capric triglycerides, Cross linked polymethylmethacrylate, Polyhydroxystearic acid
	TG2-55TMBBT	Titanium dioxide, Methylene Bis Benzotriazolyl Tetramethylbutylphenol, Caprylic/capric triglycerides, Polyhydroxystearic acid
Sun and skincare products	LECISUN-45	Titanium dioxide, Isononyl isononanoate, Lecithin, Glyceryl Stearate, Behenyl Alcohol, Soybean (Glycine Soya) Sterol, Aluminium hydroxide, Stearic acid
Sun and skincare products	PM-43TZ	Titanium dioxide, Zinc oxide, Glycerine, Potassium palmitoyl hydrolyzed wheat protein, Glyceryl Stearate, Cetearyl alcohol , Alumina, Polyhydroxystearic acid
sticks	CCA-50	Titanium dioxide, Bees wax, Carnauba, Dimethicone, Stearic acid, Alumina
Foundations and colour creams	UV-Colour Concentrates, Melanin Mimic™	different version

This is by no means a complete listing. If you need something else there is a good chance it is already available. Please contact our representatives, ask us directly or visit our web site at <http://www.granula.com> or our anonymous ftp-server at <ftp://ftp.granula.com>.