

# CLP classification and labelling of Hazardous substance under REACH Directive

Lumics GmbH hereby classifies all products according to the definitions and restrictions given by (Directive (EG) No 1907/2006 (REACH) on the restriction of the use of certain hazardous chemicals in electrical and electronic equipment. The directive provides guidelines to label hazardous substances.

Lumics GmbH hereby states that hazardous substances given in table (1) which are classified, registered and must be labeled according to ECHA's databases on (<http://echa.europa.eu/information-on-chemicals/registered-substances>) may be part of the products listed in table (2) with a threshold above 0.1% by weight according to REACH Article 33.

No	Name	CAS Number	EC Number	Appearance Form
1	BeO	1304-56-9	215-133-1	Solid
2	GaAs	1303-00-0		Solid
3	Pb	7439-92-1		Solid

Table 1 Hazardous substances used in Lumics products

No	Name	Link to Product	BeO Weight Percentage (%)	GaAs Weight Percentage (%)	Pb Weight Percentage (%)
1	TO220 - multi mode fiber pigtailed modules	<a href="http://www.lumics.com/products/multimode-diode-laser/">http://www.lumics.com/products/multimode-diode-laser/</a>	0	<0.02	<0.1
2	Flat_Mount 9 - multi mode laser diode on submount	<a href="http://www.lumics.com/products/multimode-diode-laser/">http://www.lumics.com/products/multimode-diode-laser/</a>	0	<0.2	0
3	COC_13- multi mode laser diode on submount	<a href="http://www.lumics.com/products/multimode-diode-laser/">http://www.lumics.com/products/multimode-diode-laser/</a>	0	<0.25	0
4	BTF14 and Mini DIL8 fiber pigtailed modules	<a href="http://www.lumics.de/products/singlemode-diode-laser/">http://www.lumics.de/products/singlemode-diode-laser/</a>	0	<0.01	<0.1
5	LuOcean MINI 4, 8, M4 multi mode fiber pigtailed modules	<a href="http://www.lumics.de/products/luocean-laser-modules/">http://www.lumics.de/products/luocean-laser-modules/</a>	0	<0.01	<0.1
6	LuOcean Mini 3, P2 multi mode fiber pigtailed modules	<a href="http://www.lumics.de/products/luocean-laser-modules/">http://www.lumics.de/products/luocean-laser-modules/</a>	<0.1%	<0.01	<0.1

Table 2 Products with hazardous substances

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