

## Carling Technologies RoHS Initiative

## Dear Valued Customer:

The restriction of hazardous substances (RoHS) in electrical and electronic equipment is regulated by Directive 2002/95/EC issued January 27, 2003, Directive 2011/65/EU, issued on June 8, 2011and Directive 2015/863 issued on March 31, 2015. This directive is in effect and impacts all suppliers in the electrical and electronic markets and industries.

The following substances are covered by this directive and will at first be controlled by established maximum concentration limits. Ultimately, these substances are planned to be eliminated.

Lead	0.1% of weight	1000 mg/kg 1000 ppm
Mercury (Hg)	0.1% of weight	1000 mg/kg 1000 ppm
Cadmium (Cd)*	0.01% of weight	100 mg/kg 100 ppm
Hexavalent Chromium (CRV1)	0.1% of weight	1000 mg/kg 1000 ppm
Polybrominated Diphenyl Ethers	0.1% of weight	1000 mg/kg 1000 ppm
Polybrominated Byphenyls (PBS)	0.1% of weight	1000 mg/kg 1000 ppm
Bis(2-Ethylhexyl) phthalate (DEHP)	0.1% of weight	1000 mg/kg 1000 ppm
Benzyl butyl phthalate (BBP)	0.1% of weight	1000 mg/kg 1000 ppm
Dibutyl phthalate (DBP)	0.1% of weight	1000 mg/kg 1000 ppm
Diisobutyl phthalate (DIBP)	0.1% of weight	1000 mg/kg 1000 ppm

<sup>\*</sup> The Technical Adaption Committee on the RoHS Directive has amended cadmium use in electrical contacts.

We at Carling Technologies are confident that our testing capability and commitment to continuous improvements in product reliability and performance will ensure that we are in full compliance of the RoHS directive. Some products will take exemption status for Cadmium (#8b – Cadmium and its compounds in electrical contacts) and Lead (#6c – Copper alloy containing up to 4% lead by weight). All products produced after the effective compliance date will be marked with the suffix "R" at the end of the Date Code or have the "CE" mark of acceptance, and will have the statement: "RoHS Compliant" on the bar-coded shipping label.



For additional information on RoHS, please contact a Carling Technologies Technical Customer Service Rep:

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