Helvar

Statement regarding the WEEE and RoHS directives Updated 22nd July 2008

WEEE directive (2002/96/EC)

The directive applies to the end user equipment. In the Lighting equipment category (Annex 1B, category 5 in the directive) the following lighting equipment is listed:

- Luminaires for fluorescent lamps with the exception of luminaires in households
- Straight fluorescent lamps
- Compact fluorescent lamps
- High intensity discharge lamps, including pressure sodium lamps and metal halide lamps
- Low pressure sodium lamps
- Other lighting or equipment for the purpose of spreading or controlling light with the exception of filament bulbs

Lighting ballasts are not covered by the scope of the directive. The producer of the lighting equipment is responsible for taking the measures required to fulfill the requirements of the directive. This includes all components of the lighting equipment, such as ballasts, ignitors, capacitors etc. The exclusion are the lamps mentioned in the directive. Treatment instruction for ballasts is given in Annex.

RoHS Directive (2002/95/EC)

The RoHS directive restricts the use of six harmful substances from 1st July 2006. In August 2005 the maximum concentration values for these substances were published in the EU Official Journal. The substances and the maximum concentration values (in homogenous material) are as follows:

Lead	0.1%	Hexavalent chromium	0.1%
Mercury	0.1%	Polybrominated biphenyls (PBB)	0.1%
Cadmium	0.01%	Polybrominated diphenyl ethers (PBDE	0.1%

Helvar has committed to comply with the RoHS directive with these maximum concentration values in homogenous material as follows:

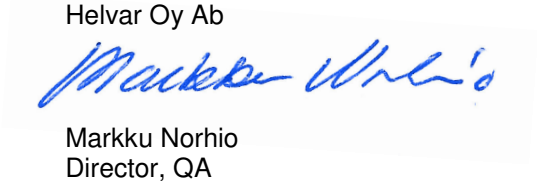
Magnetic ballasts:	All deliveries from 1st Jan 2006.
Ignitors:	All deliveries from 1st Jan 2006.
Electronic Ballasts:	All deliveries from 1st April 2006.
Lighting Control products:	All products placed on the market from 1st July 2006.

Helvar continues to comply with the RoHS directive from 1st July 2008, though the exemption of decabromodiphenyl ether (decaBDE) has been repealed by the Court of Justice.

(For more information on this decision, see:
http://eurlex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:C:2008:116:0002:0003:EN:PDF)

More information and links to the latest legislation can be found on the EU web site on WEEE & RoHS:
http://europa.eu.int/comm/environment/waste/weee_index.htm

Yours faithfully
Helvar Oy Ab



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TREATMENT OF WASTE FROM HELVAR MAGNETIC AND ELECTRONIC BALLASTS

The treatment of waste from Helvar products is subject to national laws and local regulations, which should be followed. In order to save natural resources and nature it is important to focus on recycling of the non-renewable resource (e.g. copper and iron in magnetic ballasts).

Helvar products are classified as electrical and electronic waste (WEEE), and they contain environmentally relevant substances. The waste should be sent to a company specializing in electronic scrap treatment and recycling, to ensure that the treatment of waste is carried out professionally.

It is not allowed to dispose of a Helvar product by putting it to household waste!

Magnetic ballasts

Due to a high content of recyclable copper and steel, scrap magnetic ballasts should be sent to companies specialized in the treatment of metal scrap. Ballasts would normally be shredded and the metals separated by conventional methods. Because of the value of the copper, these companies usually pay for bigger volumes of waste.

Ignitors

The ignitor should be shredded and reprocessed and major metals should be recovered. The rest of the metals are chemically bonded to the ashes.

Electronic products

Different materials from the products should be separated. Parts suitable as metal scrap (such as the ballast housing lid and case, chassis, panel and shield) should be recycled.
The plastic parts are suitable for energy recovery (e.g. insulation sheet, plastic frame and plastic housing).

The component board should be shredded and reprocessed and major metals should be recovered. The rest of the metals are chemically bonded to the ashes.

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