

REACH Statement for lithium button cells used in Electronic Equipment and Remote Controls

The EU REACH Regulation (Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)) addresses the production and use of chemical substances, and their potential impacts on human health and the environment. It applies to any product placed on the market inside the EU.

Lindy supports the aims of REACH and declares its full support for protecting people and the environment. Lindy is continuously striving to stay a pioneer in our market sector and to continue to keep any hazardous substances out of our products.

Among others, REACH Article 33 defines that Substances of Very High Concern (SVHC) should not be included in products and product components with a threshold above 0.1% (1000 ppm). Otherwise the supply chain and customers have to get informed.

We hereby inform that Lithium button cell batteries contain an Electrolyte which is an SVHC and it is contained over the REACH Article 33 limit of 0.1%. The electrolyte is required for the function of the button cell and is named 1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME), CAS-No. 110-71-4, EC-Nr. 203-794-9, C₄H₁₀O₂, also known as EGDE, DME, Dimethyl-glycol and usually contained in a concentration ranging between 0.1% and 10% in all lithium button cells on the market.

Safe use instructions: As the lithium button cells are hermetically sealed, the electrolyte cannot leak under normal circumstances and during normal use. For this reason, no special safety requirements and measures have to be followed. Should a battery or such a lithium button cell nevertheless become leaky, do not touch it or the substance leaking out. Always dispose any batteries in accordance with the disposal regulations prescribed for batteries in your country. It is forbidden to dispose of batteries with normal household waste!

Product	Product component	SVHC Substance that may be contained above 0.1%	CAS Number	RoHS compliance	REACH Annex XVII compliance
Lithium button cell	Electrolyte	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	110-71-4	Not required	Yes