

## EU REACH Regulation

REACH, the European Union Regulation (EC 1907/2006) on the Registration, Evaluation, Authorisation and Restriction of Chemicals, entered into force on June 1, 2007.

One objective of this regulation is to improve, within the overall framework of sustainable development, the protection of human health and the environment from the risks of chemical substances.

Sharp supports this objective and, under the Sharp Code of Conduct, is taking a proactive approach to compliance with laws and regulations.

According to REACH Article 33 (duty to communicate information on substances in articles), when an article contains a substance from the SVHC (Substances of Very High Concern) Candidate List in a concentration above 0.1% of the weight of the article, suppliers are required to provide the recipients and, upon request, the consumers of that article with information about the SVHC. The first 'Candidate List' of SVHC was published by the European Chemicals Agency (ECHA) on October 28, 2008, followed by several others since then. Sharp confirmed to check the REACH SVHC by SVHC candidate list on 15<sup>th</sup> January 2018.

To comply with this regulation, Sharp requests all of its suppliers to provide information on SVHCs. To date, Sharp's findings are as follows:

Generally, the following SVHCs may be contained in the products or service parts of products:

SVHC	CAS. No.	Products or parts which may include SVHC
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	Cables for MFDs and Cash registers
Dibutyl phthalate (DBP)	84-74-2	Rubber rollers for MFDs
Diarsenic trioxide	1327-53-3	Glass tables for MWOs
1,2-Dimethoxyethane (EGDME)	110-71-4	Calculators (Lithium cells)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	Polarizer
Lead monoxide (lead oxide)	1317-36-8	Resistance pattern for LED
Lead	7439-92-1	Alloying element in steel/aluminum/copper and high melting temperature type solder

Based on information provided by Sharp suppliers, it is believed that no other SVHCs are contained above 0.1% in any Sharp products.