

HORIBA Group  
Reduced Chemical  
Substances Standard  
The 3<sup>rd</sup> Edition

July 1, 2017  
HORIBA, Ltd.

## Revision History

Revised on	Revised content
6 January 2014	The 1 <sup>st</sup> Edition
1 October 2015	DiBP added for EU RoHS Directive 2015/863
1 July 2017	Substances for EU RoHS Directive 2015/863 moved to PFOA and its salts, Polychlorinated naphthalenes (2 chlorine atoms), Hexachlorobenzene added

### Reduced chemical substances listed in HORIBA Group Green Procurement Guideline (By Category)

We would like to ask you to consider substitute of the substances stipulated below in regard to components and materials delivered to HORIBA Group and the products of HORIBA Group.

№	Substance	Key Legal and Regulatory or Industry Standard	Examples of Use
4	Hexabromocyclododecane(HBCD)	Annex XIV of REACH Regulation (EC) No 1907/2006 (SUBSTANCES SUBJECT TO AUTHORISATION)	flame retardant
6	Perfluorooctanoic acid (PFOA)	Annex XVII of REACH Regulation (EC) No 1907/2006 (SUBSTANCES SUBJECT TO RESTRICTION)	additive agent for resin production
7	Polychlorinated naphthalenes (2 chlorine atoms)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. [Class I specified chemical substances]	Antiseptic agent, antifungal agent
8	Hexachlorobenzene	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. [Class I specified chemical substances]	Disinfectant



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