No. 220187

HORIBA Group Reduced Chemical Substances Standard

The 4.2 Edition

November 1, 2022
HORIBA, Ltd.

Revision History

Revised on	Revised content
6 January 2014	The 1st Edition
1 October 2015	DiBP added for EU RoHS Directive 2015/863
1 July 2017	Substances for EU RoHS Directive 2015/863 moved to Banned Substance Standard PFOA and its salts, Polychlorinated naphthalenes (2 chlorine atoms), Hexachlorobenzene added
1 March 2018	Hexabromocyclododecane(HBCD), Perfluorooctanoic acid (PFOA) and Hexachlorobenzene are moved to Banned Substance Standard. The number of atoms of Polychlorinated naphthalenes is changed from 2 to 1. Bisphenol A is added. The section name of issuing this document, written in the last page, is changed.
28 September 2021	PIP(3:1) is added.
1 November 2022	PIP(3:1) is moved to Banned Chemical Substances Standard. Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds, Dechlorane Plus and UV-328 are 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
7	Polychlorinated naphthalenes (1 chlorine atoms)	Canadian Prohibition of Certain Toxic Substances Regulations, 2012	Antiseptic agent, antifungal agent
9	Bisphenol A	SVHC of REACH Regulation No. 1907/2006	Thermal paper, resin, adhesive agent
11	Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds	Candidate of Stockholm Convention on Persistent Organic Pollutants (POPs)	Fire-fighting foam, metal plating, Polishing, cleaning- and washing agents
12	Dechlorane Plus	Candidate of Stockholm Convention on Persistent Organic Pollutants (POPs)	Flame retardant
13	UV-328	Candidate of Stockholm Convention on Persistent Organic Pollutants (POPs)	UV absorber

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