

## **Our Response to PFAS Restrictions**

### **Trends in PFAS restrictions**

PFAS (\*1), a group of organofluorine compounds, are currently under consideration by various countries and organizations for setting of target figures of use.

The Organisation for Economic Co-operation and Development (OECD) defines PFAS as “fluorinated substances that contain at least one fully fluorinated methyl or methylene carbon atom (without any H/Cl/Br/I atom attached to it)” but has not published a list of specific substances.

In Europe, a broadly inclusive PFAS definition of “any substance that contains at least one fully fluorinated methyl (CF<sub>3</sub>-) or methylene (-CF<sub>2</sub>-) carbon atom (without any H/Cl/Br/I atom attached to it)” is adopted, and around 10,000 substances are currently under consideration as subjects for potential restriction.

### **Our present state and response to the restrictions**

PFOA (\*2) and PFOS (\*3) belong to the PFAS group and there are indications that they persist in the environment and are bioaccumulative and toxic to humans and other organisms, and their use has been restricted by the following three regulations:

- (1) REACH Regulation: The Regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals in the European Union (EU)
- (2) POPs Convention: The Stockholm Convention on Persistent Organic Pollutants  
(As of December 2018, 181 countries including Japan and EU are signatories to the convention.)
- (3) Chemical Substances Control Law (CSCL): Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Japan)

We intentionally do not use either PFOA and PFOS in our products, and all our products are in compliance with the three regulations mentioned above, REACH Regulation, the POPs Convention, and CSCL.

We will continue to comply with laws and regulations, monitor trends in PFAS restrictions, collect the latest information, and inform you of our responses to these restrictions as necessary.

\*1 PFAS: General term for perfluoroalkyl substances and polyfluoroalkyl substances

\*2 PFOA: Perfluorooctanoic acid

\*3 PFOS: Perfluorooctane sulfonate