



## **PFAS and their derivatives statement**

**Per- and polyfluoroalkyl substances (PFASs), and perfluorinated alkylated substances** are synthetic organofluorine chemical compounds that have multiple fluorine atoms attached to an alkyl chain. This group of chemicals contains thousands of substances. They are persistent in nature and can cause severe health risks including various types of cancer. PFOA and PFOS belong to PFAS sub group of perfluoro surfactants.

**Perfluorooctanoic acid (PFOA)** is a perfluorinated carboxylic acid used as industrial surfactant in chemical processes and as a material feedstock, the PFOA molecule contains both hydrophilic, hydrophobic and lipophobic groups.

**Perfluorooctanesulfonic acid (PFOS)** is a fluoro surfactant used earlier in numerous stain repellents. It was added to Annex B of the Stockholm Convention on Persistent Organic Pollutants in May 2009.

Cardinal Components Inc. does not use any of the above mentioned synthetic organofluorine chemical compounds as raw material or product additive in the manufacture of our products. Cardinal complies with all relevant PFAS/PFOS regulations.

A handwritten signature in black ink that reads "Bruce Clark". The signature is fluid and cursive, with the first and last names clearly distinguishable.

Bruce Clark

Technical Staff / Feb 2024