



**Title: Black Diamond Equipment Ltd. PFOSs and PFOAs Policy**

**No: PCD-3007**

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**Date: September 23, 2020**

**Revision: A**

As a responsible company, we are committed to high standards of consumer, environmental, and worker safety. For this reason, Black Diamond Equipment has a Restricted Substances List (RSL) in place that follows the strictest legal requirements and best practice standards.

PFCs (perfluorinated chemicals) are a class of chemical substances that belong to the larger family known as fluorinated chemicals. These are a wide range of chemical substances that are very different in their composition and environmental profiles. Some durable water repellent treatments have historically been based on the use of PFCs and are added to textiles to improve their performance (water and oil repellency, stain and soil resistance, and stain release performance properties).

Some PFCs can break down to form other perfluorinated chemicals such as PFOA and PFOS that are known to have persistent, bio-accumulative and toxicological properties. Within the group of PFASs, PFOA and its salts are regulated within the European Union per Annex XVII of REACH. This includes any compound with Perfluoroheptyl or Perfluorooctyl chemistry, with few exceptions.

Black Diamond equipment is committed to a fair and sustainable business practice and we apply these to the selection of all our business partners and of the materials used in our products. In agreement with Black Diamond RSL, the following PFCs are restricted in our products:

CAS No	Name
<b>PFOS and Related Substances</b>	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)
2795-39-3	Perfluorooctanesulfonic acid, potassium salt (PFOS-K)
29457-72-5	Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)
29081-56-9	Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH <sub>4</sub> )
70225-14-8	Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(OH) <sub>2</sub> )
56773-42-3	Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )
4151-5-2	N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)
31506-32-8	N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA)
1691-99-2	2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)
24448-09-7	2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)
307-35-7	Perfluoro-1-octanesulfonyl fluoride (POSF)
754-91-6	Perfluorooctane sulfonamide (PFOSA)

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CAS No	Name
<b>PFOAs and its Salts</b>	
335-67-1	Perfluorooctanoic acid (PFOA)
335-95-5	Sodium perfluorooctanoate (PFOA-Na)
2395-00-8	Potassium perfluorooctanoate (PFOA-K)
335-93-3	Silver perfluorooctanoate (PFOA-Ag)
335-66-0	Perfluorooctanoyl fluoride (PFOA-F)
3825-26-1	Ammonium pentadecafluorooctanoate (APFO)
<b>PFOAs related Substances</b>	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)
376-27-2	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)
3108-24-5	Ethyl perfluorooctanoate (Et-PFOA)
678-39-7	Ethyl perfluorooctanoate (Et-PFOA)
27905-45-9	1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)
1996-88-9	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)