FIRE DEPARTMENT SERVICE ANNOUNCEMENT

Bulletin #38, Companies which have switched over to F3 products, October 1, 2021

These listed companies have already transitioned to fluorine-free firefighting foams for their industrial facilities and corporate owned properties.

Company	Year Transitioned to F3 Products
3M	2018 [1]
AkzoNobel	2018 [2]
BASF	2018 [3]
Bayern Oil	2014 [4]
BHP Billiton	2018 [5]
BP	2018 [6]
Caltex	2019 [7]
Chemours	2018 [8]
ConocoPhillips	2019 [9]
DuPont *	2021 [10]
Equinor (formerly Statoil)	2018 [11]
ExxonMobil	2018 [12]
Gazprom	2018 [13]
JO Tankers	2018 [14]
Lilly	2018 [15]
ODFJEL	2018 [16]
Pfizer	2018 [17]
Stena Line	2018 [18]
Total	2018 [19]
Weifa	2018 [20]

* Expected to convert by the end of 2021.

With much appreciation to Marcel Biervliet, International channel manager Fluorine Free Foam proportioning technology for helping to provide the information on companies that have switched over to fluorine-free firefighting foams.

1 IPEN Expert Panel, Stockholm Convention 9th Conference of the Parties (COP9) Geneva, April-May 2019, The Global PFAS Problem: Fluorine-Free Alternatives as Solutions, Firefighting foams and Other Sources – Going Fluorine-Free, p. 27, https://ipen.org/sites/default/files/documents/the_global_pfas_problem_v1_6.pdf and Fluorine-Free Firefighting Foams (AFFF) Viable Alternatives to Fluorinated Aqueous Film-Forming Foams (AFFF), Independent Expert Panel Convened by IPEN, Stockholm Convention POPRIC-14, Rome, September 2018, p. 49, https://ipen.org/sites/default/files/documents/IPEN_F3_Position_Paper_POPRC-14_12September2018d.pdf

2 EWG, It's Time To Switch to PFAS-Free Firefighting Foams, Melanie Benesh (EWG), undated, https://www.ewg.org/news-insights/news/its-time-switch-pfas-free-firefighting-foams and and Fluorine-Free Firefighting Foams (AFFF) Viable Alternatives to Fluorinated Aqueous Film-Forming Foams (AFFF), Independent Expert Panel Convened by IPEN, Stockholm Convention POPRIC-14, Rome, September 2018, p. 49, https://ipen.org/sites/default/files/documents/IPEN_F3_Position_Paper_POPRC-14_12September2018d.pdf
3 ibid.
4 Firsthand knowledge of Marcel Biervliet, International channel manager Fluorine Free Foam proportioning technology and IPEN Expert Panel, Stockholm Convention 9th Conference of the Parties (COP9) Geneva, April-May 2019, The Global PFAS Problem: Fluorine-Free Alternatives as Solutions, Firefighting foams and Other Sources – Going Fluorine-Free, p. 27, https://ipen.org/sites/default/files/documents/the_global_pfas_problem_v1_6.pdf
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6 IPEN Expert Panel, Stockholm Convention 9th Conference of the Parties (COP9) Geneva, April-May 2019, The Global PFAS Problem: Fluorine-Free Alternatives as Solutions, Firefighting foams and Other Sources – Going Fluorine-Free, p. 27, https://ipen.org/sites/default/files/documents/the_global_pfas_problem_v1_6.pdf and EWG, It's Time To Switch to PFAS-Free Firefighting Foams, Melanie Benesh (EWG), undated, https://www.ewg.org/news-insights/news/its-time-switch-pfas-free-firefighting-foams
7 IPEN, Peer-Reviewed Publication, News Release, Fire-safety sectors call for global PFAS ban, no loopholes for toxic firefighting foam, 1-May-2019, https://www.eurekalert.org/news-releases/491664
8 Fluorine-Free Firefighting Foams (AFFF) Viable Alternatives to Fluorinated Aqueous Film-Forming Foams (AFFF), Independent Expert Panel Convened by IPEN, Stockholm Convention POPRIC-14, Rome, September 2018, p. 49, https://ipen.org/sites/default/files/documents/IPEN_F3_Position_Paper_POPRC-14_12September2018d.pdf
9 Safer Chemicals Healthy Family, PFAS-free firefighting foams are safer and effective for military use, Liz Hitchcock and Laurie Valeriano, September 12, 2019, https://saferchemicals.org/2019/09/12/pfas-free-firefighting-foams-are-safer-and-effective-for-military-use/
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13 ibid.
14 ibid.
15 ibid.
16 ibid.
17 ibid.
18 ibid.
19 ibid.

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The Chemtool Plant in Rockton, Illinois had an industrial explosion and fire on June 14, 2021. Chemtool is owned by Lubrizol Corporation which is a Berkshire Hathaway company. "U.S. Fire Pump, a Louisiana-based company…used 3,200 gallons of the fluorinated foam." Photo from USEPA [https://www.msn.com/en-us/weather/topstories/foam-containing-forever-chemicals-likely-used-to-extinguish-chemtool-fire-in-illinois/ar-AAL9vn7]