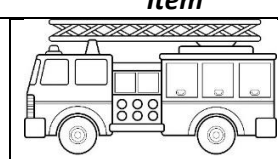


FIRE DEPARTMENT SERVICE ANNOUNCEMENT

Bulletin #43, Delivery Systems, November 5, 2021

“Consider the firefighter and public safety first.”¹

The fire service is aware that the fire apparatus foam tank contains foam concentrate, not finished foam. A 3% foam concentrate will make 1,000 gallons of finished foam (970 gallons of water plus 30 gallons of concentrate). Fire departments will need to be certain they are using a fluorine-free firefighting foam.

<i>Item</i>	<i>Delivery System</i>	<i>Amount of AFFF</i>
	Fire Apparatus	30 Gallons

3.0% - 30 gallons concentrate into 970 gallons of water = 1,000 gallons of finished foam

“The [New Zealand] EPA is also proposing to phase out C6 firefighting foams. This is not required by the Stockholm Convention, but it has been recommended by the Conference of the Parties that it not be used as an alternative to C8 firefighting foam. Its phase out has also been implemented by other regulators overseas. The EPA is proposing phasing out C6 firefighting foam to prevent potential environmental harm from these substances.

The options for phasing out C6 firefighting foams are:

Option 1: Phase out C6 and C8 firefighting foams at the same time... This is EPA’s [New Zealand] preferred option.”²

¹ Firefighting Foams, The PFAS Team, ITRC, Training Module, accessed Oct 30, 2021, https://pfas-1.itrcweb.org/3-firefighting-foams/#table_3_1

² Proposal to amend the Fire Fighting Chemicals Group Standard 2017, September 2019, p. 15, <https://www.epa.govt.nz/assets/Uploads/Documents-/Documents/Hazardous-Substances/Fire-Fighting-Chemicals-Group-Standard-consultation/Proposal-to-amend-the-Fire-Fighting-Chemicals-Group-Standard-2017.pdf>

Foam Exposure Committee

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Proposal to amend the Fire Fighting Chemicals Group Standard 2017

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