



RESEARCH FOUNDATION

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Errata

Report: Firefighting Foams: Fire Service Roadmap

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Reference:

1) **Table 4.0-1, Page 11:**

- a. Last column title: replace “Research Areas” as “Multi-scale Research Conducted by:”
- b. Last column edit: Make “Av”s consistent as “AV”s
- c. Table title edit: Delete “Leading” from table title.

Table 4.0-1 Frequently Researched ~~Leading~~ Fluorine Free Foams and Agents

Manufacturer	Type	Website	Multi-scale Research Conducted by: Areas
3F – Freedol	Foam	https://www.3ff.co.uk/chemistry/smart-foam/	Pet
Angus	Foam	https://angusfire.co.uk/products/foam-concentrates/product-range/fluorine-free-foam/	AV x , DoD, Pet
Ansul	Foam	https://www.ansul.com/en/us/DocMedia/F-2021111.pdf	DoD
Auxquimia	Foam	http://auxquimia.com/synthetic-multiexpansion-foam-concentrates/	
Bio-Ex	Foam	https://www.bio-ex.com/en/our-products/compositions/fluorine-free-foam/	AV x , DoD, Pet
Bristol – EkoSol	Foam	http://www.bristol-fire.com/	
Dr. Sthamer	Foam	https://sthamer.com/en/fluorine-free/index.php	AV, Pet
Eau et Feu	Foam	https://eauetfeu.fr/produits/emulseurs/liste-des-emulseurs/airfoam/	AV, Pet
FireBull PFF	Foam	https://enforcerone.com/products/firebull-fluorine-free-foam/	
Fomtec	Foam	https://www.fomtec.com/fluorine-free/category38.html	AV x , DoD, Pet
GreenFire	Both	https://gogreenfire.com/greenfire-fire-protection/	
National	Foam	https://nationalfoam.com/foam-concentrates/sfff-fluorine-free-foam/	AV x , DoD, Pet
Orchidee	Foam	https://orchidee-fire.com/products-solutions/?_sft_product_cat=fluorine-free-foams	

Phos-Chek	Foam	https://www.perimeter-solutions.com/en/class-a-foam/	
Solberg	Foam	https://www.perimeter-solutions.com/en/class-b-foam/solberg-avigard-fluorine-free/	AV✘, DoD, Pet
vs FOCUM	Foam	https://vsfocum.com/foams/types/1-fluorine-free-newtonian/	
Amiran	Wetting	https://www.imesales.com/content/docs/AmiranBioChemicals/FlameOut_DataSheet.pdf	
Coldfire	Wetting	https://firefreeze.com/cold-fire/	
F500	Wetting	https://hct-world.com/products/chemical-agents/f-500-encapsulator-agent/	
Geltech	Wetting	https://geltechsolutions.com/fireice/	
Novacool	Wetting	http://novacoolfoam.com/	
Pyrocool	Wetting	https://www.pyrocooltech.com/pyrocool-fef/	

Research Areas: AV-Aviation / DoD-US Department of Defense / Pet – Petroleum Industry

2) Table C.1.2-1, Page C-4:

- a. Last column title: replace “Research Areas” as “Multi-scale Research Conducted by:”
- b. Last column edit: Make “Av”s consistent as “AV”s

Table C.1.2-1 Frequently Researched Fluorine Free Foams and Agents

Manufacturer	Type	Website	Multi-scale Research Conducted by: Areas
3F – Freedol	Foam	https://www.3ff.co.uk/chemistry/smart-foam/	Pet
Angus	Foam	https://angusfire.co.uk/products/foam-concentrates/product-range/fluorine-free-foam/	AV✘, DoD, Pet
Ansul	Foam	https://www.ansul.com/en/us/DocMedia/F-2021111.pdf	DoD
Auxquimia	Foam	http://auxquimia.com/synthetic-multiexpansion-foam-concentrates/	
Bio-Ex	Foam	https://www.bio-ex.com/en/our-products/compositions/fluorine-free-foam/	AV✘, DoD, Pet
Bristol – EkoSol	Foam	http://www.bristol-fire.com/	
Dr. Sthamer	Foam	https://sthamer.com/en/fluorine-free/index.php	AV, Pet
Eau et Feu	Foam	https://eauetfeu.fr/produits/emulseurs/liste-des-emulseurs/airfoam/	AV, Pet
FireBull PFF	Foam	https://enforcerone.com/products/firebull-fluorine-free-foam/	
Fomtec	Foam	https://www.fomtec.com/fluorine-free/category38.html	AV✘, DoD, Pet
GreenFire	Both	https://gogreenfire.com/greenfire-fire-protection/	
National	Foam	https://nationalfoam.com/foam-concentrates/sfff-fluorine-free-foam/	AV✘, DoD, Pet
Orchidee	Foam	https://orchidee-fire.com/products-solutions/?_sft_product_cat=fluorine-free-foams	
Phos-Chek	Foam	https://www.perimeter-solutions.com/en/class-a-foam/	
Solberg	Foam	https://www.perimeter-solutions.com/en/class-b-foam/solberg-avigard-fluorine-free/	AV✘, DoD, Pet
vs FOCUM	Foam	https://vsfocum.com/foams/types/1-fluorine-free-newtonian/	
Amiran	Wetting	https://www.imesales.com/content/docs/AmiranBioChemicals/FlameOut_DataSheet.pdf	
Coldfire	Wetting	https://firefreeze.com/cold-fire/	
F500	Wetting	https://hct-world.com/products/chemical-agents/f-500-encapsulator-agent/	
Geltech	Wetting	https://geltechsolutions.com/fireice/	
Novacool	Wetting	http://novacoolfoam.com/	
Pyrocool	Wetting	https://www.pyrocooltech.com/pyrocool-fef/	

Research Areas: AV-Aviation / DoD-US Department of Defense / Pet – Petroleum Industry

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