



December 5, 2021

Class A Foam for Wildland Fire Management

Qualified by US Forest Service in Accordance with Forest Service Specification 5100-307b

These products are evaluated, qualified, and approved for use only at the specified mix ratio range with the indicated application equipment.

Consult individual agencies for specific policies relating to wildland fire foam use.

Definition: Foams contain foaming and wetting agents that affect how the product clings to surfaces and penetrates fuels. They depend on the water they contain for their effectiveness.

Chemical	Mix Ratio	Qualified Applications ¹				Ground Applied
		Fixed-Wing		Helicopter		
		Water Scooper	SEATS ²	Fixed-Tank	Bucket	
FireFoam 103B	0.1–1.0%	•	•	-	•	•
Phos-Chek WD881	0.1–1.0%	•	•	•	•	•
Pyrocap B-136	0.1–1.0%	-	•	-	•	•
Phos-Chek WD881C	0.1–1.0%	•	•	•	•	•
National Foam KnockDown	0.1–1.0%	•	•	-	•	•
FlameOut ³	0.1–1.0%	-	-	-	•	•
Angus Hi-Combat A	0.1–1.0%	•	•	-	•	•
Buckeye Platinum Class A Foam ³	0.1–1.0%	•	•	-	•	•
Solberg Fire-Brake 3150A ³	0.1–1.0%	•	•	-	•	•
First Response	0.1–1.0%	•	•	•	•	•
Also sold as Fire-Brake PLUS						
Ansul Silv-Ex Plus Class A	0.1–1.0%	•	•	•	•	•
Also sold as Chemguard DirectAttack						
1% Bushmaster "A" Class Foam	0.1–1.0%	•	•	-	•	•
Phos-Chek WD881A	0.1–1.0%	•	•	•	•	•
Fomtec Enviro Class A	0.1-1.0%	•	•	-	•	•
Also sold as Firelce Polar EcoFoam						
Bio-Ex Ecopol-F	0.1-1.0%	•	•	•	•	•
Also sold as BIO FOR N+						

1 – Qualification Notes

- Fully Qualified – Product complies with all requirements of a formal specification.
- o Conditional Approval – Product complies with all requirements in the specification for laboratory evaluation; a field evaluation is required for full qualification.
- Not qualified for this application.

2 – Within Canada, the wildland fire management agencies apply foam from land-based fixed-wing airtankers (single or multi engine). The presence of a dot in this column indicates approval in Canada for application from aircraft of either type.

3 – Revision to FS 5100-307b includes new requirements that these products no longer meet. Current inventories can continue to be used, but no new purchases are authorized by this list. All products shall be used by the end of the 2022 fire season,