

Specification of Fluoro-protein Foam Concentrate

- Total quantity 40,000 liters Fluoro-protein foam (i.e. 200 drums having 200 liters foam per drum).
- Foam must be UL listed or FM approved. Approval certificates must be provided with the quotation for Technical Evaluation.
- Drums should be of good quality material (UL approved packaging preferably)
- Shelf life must be 10 years or more.
- Year of manufacture of foam concentrate should be maximum three months from date of shipment.
- OEM (originally equipment manufacturer) certificate, related documents and MSDS should be provided.
- Fluoro-protein foam concentrate must be compatible with the available foam concentrate at NRL, manufactured by M/S Angus Fire with following specification.

S. #	Properties	Specification
1	Physical State	Liquid
2	Color	Dark brown
3	Odor	Organic
4	PH at 20 C	7 to 8
5	Boiling Point	100 C at 760 mmHg
6	Freezing Point	- 13 °C
7	Flash Point	More than 100 °C
8	Flammability	Not Flammable
9	Solubility	Miscible with water in all proportion
10	Viscosity at 20 C	10 cs
11	Specific gravity	1.15 to 1.17
12	Expansion ratio $\geq 7 : 1$	
13	25 % drainage time ≥ 6 mins 30 sec	

