

Product name	fx51	Notes
Manufacturer/distributor	Firexo Limited	
Manufacturing Location	UK	
Description	Firexo ALL FIRES Extinguishing Agent	
Main ingredient	Water	
Primary Use	Firefighting Extinguishing Media	
Secondary Use	Fire Retardant	
Ph @ 20°C	7,15	Tolerance ± 1
Density @ 20°C	1.166 g/cm ³	Tolerance ± 0.5
Refractive Index @ 20°C	1,39	Tolerance ± 0.5
Viscosity @ 20°C	6	Tolerance ± 2
Boiling Point	101°C - 145°C	See RSSL Lab Report
Freezing Point	34.91°C	See RSSL Lab Report
Operating Temperature	-15°C to +60°C	
Colour	Clear, slight amber	
Solubility	Full miscible	
Odour	Neutral, slightly sweet	
State	Liquid	
Environmental Properties	See separate Laboratory Report	
Surface Tension	30.47 mN/m	Tolerance ± 0.5
Corrosion	Avoid prolonged exposure to copper and its alloys (brass and bronze) and other metals that are not corrosion resistant *	
Method of Application – Portable Fire Extinguishers	Via aspirated nozzle or branch	See Tech Drawings
Method of Application – Fire Appliance	Pump	
Fire Class Suitability	Class A/B/C/D/F, Electrical and Lithium-ion battery fires.	Tested on Class D Magnesium, Titanium, Aluminium
Electrical	Tested at 35,000 Volts (35kV)	
Certifications	EN3-7, EN3-8, CE, UKCA, PED	
Shelf Life of fx51	5 years (+/- 1 year) from date of manufacture	Whilst Sealed
Storage	Store indoors between 10°C to +50°C. Avoid direct sunlight	
Packing	Not applicable	
Supplied	Container sizes from 1.4 Litre to 1,000 Litres	

* Maximum continued exposure threshold is two weeks/336 hours in accordance with EN 3-7 14.2/ Annex H.2. It is recommended that all equipment exposed to fx51 is washed out thoroughly with clean water.