

WILDFIRE PRO – ADVANCED WILDLAND FIRE SUPPRESSION

Wildfire Pro (WFP) is a specialised fire-suppression fluid engineered for the extreme conditions of wildland and WUI (Wildland-Urban Interface) environments. Built on LifeSafe's advanced heat-absorption chemistry, WFP delivers rapid knockdown, deep cooling, and long-lasting protection across a wide range of wildfire scenarios.

1. HIGH-PERFORMANCE HEAT ABSORPTION

WFP is formulated to outperform water in high-temperature wildfire conditions. Its endothermic cooling mechanism absorbs heat at speed, reducing temperatures across fuels and fire edges far more effectively than water alone. By lowering surface tension, WFP penetrates vegetation and debris quickly, enabling fast flame knockdown and improved control during initial attack operations.

2. DUAL-ACTION: SUPPRESSION AND RE-IGNITION PREVENTION

Wildfires often reignite long after the visible flames are extinguished. WFP is engineered to address both the active fire front and the underlying re-ignition risk. When applied to unburned vegetation, it forms a stable fire-retardant layer that remains effective long after the water has evaporated. This creates a temporary but durable fire break, giving ground crews critical time to establish permanent containment lines and reducing the likelihood of flare-ups..

3. VERSATILE DEPLOYMENT FOR GROUND AND AERIAL OPERATIONS

WFP is designed for the operational realities of wildland firefighting. Its pre-mixed formulation is compatible with a wide range of delivery systems, including:

- Ground-based spray tanks
- Backpack pumps
- Fire extinguishers for rapid initial attack
- Helicopter buckets and fixed-wing aviation drops

The fluid's higher density allows it to penetrate forest canopies more effectively than water, reaching the fuel bed where suppression is most needed.

WHO needs Wild Fire Pro?

Wild Fire Pro is engineered for agencies and organisations facing the toughest fire conditions.



FIREFIGHTING AGENCIES

Wildland brigades, municipal departments, incident response teams.

FORESTRY & LAND MANAGEMENT

National Parks, timber companies, utilities, mining, oil & gas sites.

INFRASTRUCTURE & UTILITIES

Powerline right-of-way vegetation management.

ENVIRONMENTAL AGENCIES

Fire-prevention planning in high-risk zones.



WHY do they use it?

Put simply, this product delivers in both urgent fire suppression and planned fire-break operations. Plus, its eco-friendly credentials exceed tough procurement and regulatory standards.

FUNCTION	MECHANISM
Cooling (Extinguish)	Endothermic reaction via EndoShield heat absorbing fluid
Fire Suppression	ExoSuppression cuts off oxygen to embers to prevent re-ignition
Preventative Barrier	Forms non-igniting layer when pre-applied as retardant
Eco-Friendly Composition	Fluorine-free and non-toxic, posing no threat to ecosystems

ENVIRONMENTAL CREDENTIALS



ECO-SAFE BY DESIGN

Wild Fire Pro delivers powerful fire control without harming ecosystems.



BIODEGRADABLE & NON-TOXIC

Breaks down naturally with no harmful residues.



LOW AQUATIC IMPACT

Safe for use near rivers, lakes, and wetlands.



SOIL-FRIENDLY

Protects beneficial microorganisms and vegetation.



SUSTAINABLY MADE

Produced under SEDEX-approved manufacturing standards.

Fully compliant with modern environmental regulations, procurement-friendly for government, NGO, and corporate tenders, and aligned with sustainability goals for eco-conscious stakeholders.

WILD FIRE PRO | BE READY. STAY PROTECTED.

Built on LifeSafe's advanced fire science, proven to perform under the toughest conditions.

Contact us for distributor opportunities, product trials, and technical support.

✉ vetter.rescue@idexcorp.com

lifesafetechnologies.co.uk



LIFESAFE
PROFESSIONAL

lifesafetechnologies.co.uk

Advanced Fire Extinguishing & Retardant Fluid

WFP

WILD
FIRE
PRO

Fast-acting, eco-friendly protection for the TOUGHEST WILDFIRE SCENARIOS

RAPID SUPPRESSION | LONG-LASTING PREVENTION



FLUORINE-FREE & ECO-SAFE

Standard firefighting kit compatible.

IDEX
FIRE & SAFETY