



**SOLBERG**



**NOT ALL FIRES ARE THE SAME**  
SOLBERG HAS YOU COVERED



# WE KNOW WHAT IT TAKES TO CUT THE FIRE LINE

*Don't just wet it*

## EXTINGUISH WITH FOAM

Firefighting foam is a superior solution, acting as a force multiplier. When used appropriately for the correct application, foam:

- Improves water's wetting ability — ten-fold
- Extinguishes fire faster
- Greatly reduces overhaul and mop-up time
- Increases firefighters' protection
- Maximizes operational efficiency
- Conserves valuable water resources
- Is highly effective for exposure protection
- Mitigates and suppresses vapours

When the fire alarm sounds, adrenaline spikes, and you move without question. You are a first responder and people are depending on you to extinguish the fire, to protect property, the environment — and, most important, to save lives. Having the right tools to get the job done safely and effectively is crucial.

### THE QUESTION IS: ARE YOU TRULY PREPARED FOR TODAY'S FIREFIGHTING CHALLENGES?

Communities are growing; industries and businesses are using new technologies; more hazardous materials are transported through cities and towns; and budgets for resources are tight. These are the difficult challenges you face as a firefighter. It's imperative you have the right tools to optimize the limited resources you have available in those critical moments. You need products that perform and are also firefighter friendly.

At Solberg, we get it. We've put in more than 40 years developing foam concentrates designed to work effectively on different classes of fires. Solberg foam concentrates are exceptional firefighting tools for flame knock-down, fire control, extinguishment or vapor suppression — all of which are paramount to firefighter safety. If you aren't safe, neither are the people depending on you.



**SOLBERG – A FOAM FOR EVERY APPLICATION**



**FIREFIGHTER SAFE.  
ENVIRONMENT FRIENDLY.**

**Class A & B fires**

The first true, effective fluorosurfactant and fluoropolymer-free foam, RE-HEALING™ Foam is safe for firefighters and environmentally sustainable. Available in a variety of concentrates, it has superior vapour suppression, rapid resealing characteristics, and long drain time for better burn-back resistance.

Designed for use on Class B fuel fires and to replace traditional AFFF, FFFP foam concentrates and older protein and fluoro-protein foams, RE-HEALING™ foam can be used to prevent re-ignition of liquid spills and to control hazardous vapours. On Class A fuels, it will improve extinguishment of deep-seated fires.

Available in 1%, 3%, 6%, 3x3% ATC™, and 3x6% ATC™ concentrates.



**TAKES THE WILD OUT  
OF WILDLAND FIRES.**

**Class A fires**

FIRE-BRAKE™ FIRE-BRAKE foam concentrate substantially increases water's overall wetting capability. This maximizes penetration, resulting in greater fire control when attacking combustible Class A fuels.

Designed for wildland, structural and other Class A fires, including wood, paper, coal, and rubber, FIRE-BRAKE™ foam concentrate is U.S. Forest Service Qualified Products Listed (QPL).

Proportioned at 0.5% to 1.0%. Application rates may vary depending on the hazard or terrain.



**STOPS FIRE  
IN ITS TRACKS.**

**Class B fires**

The first U.S. EPA Stewardship Program — 2015 Compliant C<sub>6</sub> foam concentrates, ARCTIC™ AFFF and AR-AFFF ATC™ foam concentrates are synthetic foams used to effectively extinguish Class B hydrocarbon and polar solvent fuel fires. ARCTIC™ AFFF and AR-AFFF foam concentrates can be used for rapid extinguishment or vapour suppression.

Available in 1%, 3%, 6% AFFF, 1x3% ATC, 3x3% ATC™, and 3x6% ATC™ concentrates.



RE-HEALING™ TF, Training Foam also is available. Designed for firefighter training ONLY, it is intended for extinguishing only controlled Class B fires. This foam is not intended for use on real fires.

	Class A	Class B (AFFF)	Class B (AR-AFFF)	Flourine-Free (hydrocarbon fuels)	Flourine-Free (Polar solvent fuels)	Emulsifiers
U.S. Forest Service QPL Approved	•					
NFPA 18 Annex Tested						•
UL 162 Listed		•	•	•		
Fuel in Depth Fire Use		•	•	•	•	
Small Spill Fire Use		•	•	•	•	•
Large Spill Fire Use		•	•	•	•	
Vapor Mitigation Use		•	•	•	•	•
Class A Fuels	•	•	•	•	•	•
Polar solvent / Water Miscible Fuels Use			•		•	

**Product Certifications:** SOLBERG foam concentrates have been rigorously tested to meet some of the industry's most stringent product certifications. These include UL, ULC, FM, EN, ICAO and IMO, to name just a few. Product certifications vary dependent upon type of concentrate.

## **No additional EQUIPMENT NEEDED**

Foam discharge devices including both non-air aspirating and air aspirating equipment, can be used to obtain optimum results. SOLBERG foam concentrates can be proportioned at the proper foam solution percentage using common foam proportioning devices such as:

- Eductors
- Self-educing nozzles
- Low and medium expansion devices
- Handline nozzles
- Branch pipe nozzles
- CAFS (Compressed air foam systems)

## **Compatibility**

SOLBERG foam concentrates should not be mixed with other foam concentrates, unless they have been tested for compatibility. For questions about compatibility or mixing of foam concentrates, consult Solberg Technical Services.

## **How foam works**

Solberg foam is made up of three component parts: foam concentrate, water, and energy. Energy can be provided using air or mechanical agitation. When energy is added to a foam solution (foam concentrate mixed with water), finished foam is produced through a discharge device. The finished foam is very fluid and readily flows over liquid or solid surfaces to extinguish fire by:

- Excluding oxygen (by separating fuel and vapour)
- Cooling fuel surface (through the water in the foam)
- Separating the flame from the fuel source



*Click the image above to view a video of this process*

### **HAVE QUESTIONS?**

For more information about which foam product works best for specific applications — or other questions — contact your local authorized Solberg Distributor or Factory Representative.

***Solberg is a member of THE AMEREX GROUP, an alliance of independent companies with a single purpose: revolutionize the course of fire suppression technology with safer, more effective and more sustainable solutions.***

***Together, we are Moving Industries Forward by Redefining Fire Suppression.***

**[www.solbergfoam.com](http://www.solbergfoam.com)**

**SOLBERGFOAM.COM**

FORM NUMBER F2015010\_EN

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