



BULLETIN #1008-2

# TECHNICAL BULLETIN

## RE-HEALING® Foam Concentrate FAQ

**Q: What is SOLBERG® RE-HEALING® foam concentrate?**

**A:** SOLBERG RE-HEALING foam concentrates from PERIMETER SOLUTIONS are synthetic firefighting foam concentrates designed for a broad range of applications through conventional fire protection equipment and systems, without the use of fluorosurfactant, fluoropolymer or fluorotelomer chemistry which have been proven to be Persistent in the environment, Bio-accumulative (gets into the foodchain) and Toxic (PBT). RE-HEALING foam concentrates deliver rapid-fire extinguishment of Class B fuel fires.

RE-HEALING foam concentrates represent an inherent resilience to burn back while providing sustainable longevity of flammable, toxic or noxious vapor suppression.

**Q: How do RE-HEALING foam concentrates work?**

**A:** RE-HEALING foam concentrates represent a new innovative alternative product to traditional AFFF, AR-AFFF, FP, and FFFP foam concentrates. The technology has the ability to flow rapidly and freely across the surface of a hydrocarbon flammable liquid without film forming technology. Their structure is high temperature resistant and will stick to hot metal surfaces.

**Q: What are the applications?**

**A:** RE-HEALING foam concentrates are suitable for both fighting flammable liquid fires and preventing fire in the event of chemical spills. They effectively cool and seal the fuel, suppressing vapors and greatly reducing the risk of fire and hazardous vapor clouds.

RE-HEALING foam concentrates can be used with fresh, salt and brackish water and are compatible with dry chemical agents.

RE-HEALING foam concentrates fast flowing foam blanket provide better control and extinguishment than protein-based agents. Because the fast

flowing foam blanket extinguishes and secures rapidly, RE-HEALING foam concentrates also provide significantly improved burn back resistance.


When stored in original containers or in manufacturer recommended equipment and within the specified temperature range, shelf life is a minimum 10 of years. Should freezing occur, thawing and agitating will render concentrates useful. Freezing and thawing will not cause loss of product quality.

**Q: Will RE-HEALING foam concentrates suppress vapors?**

**A:** RE-HEALING foam concentrates can be used to prevent re-ignition of a liquid spill and control hazardous vapors.

**Q: What size packaging options are available?**

**A:** Container packaging options include: 5 gallon (20 litre) pails, 55 gallon (200 litre) drums, 265 gallon (1000 litre) totes and bulk haulage tankers for larger volumes.



**SOLBERG is a member of PERIMETER SOLUTIONS, a global producer of leading fire retardant, gel and foam brands with a singular 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)**



**Q: Will RE-HEALING foam concentrates meet our needs?**

**A:** SOLBERG RE-HEALING foam concentrates are an innovative environmentally sustainable fluorosurfactant and fluoropolymer free base foam concentrate used to effectively extinguish Class B fires.

Depending on the specific RE-HEALING foam concentrate, product certifications include Underwriters Laboratories, Inc. Standard 162 (Standard for Safety for Foam Equipment and Liquid Concentrates), Underwriters' Laboratories of Canada Standard S564 (Standard for Category 1 Foam Liquid Concentrates), FM Approved per Approval Standard 5130, European Norm (EN) 1568, Part 3 Approved, and International Civil Aviation Organization (ICAO) Airport Services Manual (DOC 9137-AN/898) Part 1 – Rescue and Firefighting, Levels B and C Certified.

RE-HEALING foam concentrates are compatible with available systems and conform to the exacting quality requirements set by Standards Australia.

RE-HEALING foam concentrates are manufactured in the United States, Spain and Australia. Prompt sales, service, technical support and delivery can also be obtained via SOLBERG's network of authorized distributors worldwide.

**Q: What about RE-HEALING foam concentrates & the environment?**

**A:** RE-HEALING foam concentrates are fluorosurfactant, fluoropolymer-free products for use on Class B hydrocarbon and polar solvent fuels with no environmental concerns for Persistence, Bioaccumulation or Toxic (PBT) breakdown.

**Q: Are RE-HEALING foam concentrates compatible with our current foam?**

**A:** RE-HEALING foam concentrates should not be mixed with other brands of foam concentrates. When applied to a fire as a foam solution, they can be mixed with similar foam types.

**Q: What about materials of construction compatibility?**

**A:** RE-HEALING foam concentrates are compatible with multiple materials of construction such as carbon steel, stainless steel, brass and PVC. Galvanized steel should not be used.

**Q: I have existing foam systems containing traditional fluorine based foam concentrates and I want to change to RE-HEALING foam concentrates.**

**A:** Consult SOLBERG Technical Services

**Q: How effective are RE-HEALING foam concentrates on Class A fires?**

**A:** The use of RE-HEALING foam concentrates is not limited to Class "B" fires. On Class "A" fuels, they will improve extinguishment in deep-seated fires and are also useful on mixed Class A and B fires.

**Q: Do RE-HEALING foam concentrates form precipitates?**

**A:** No, all raw materials are water soluble and stable. The formation of sediments is a historical issue associated with the denaturing of proteins used in FP, FFFP, and Protein foam concentrates.

**Q: Is there dry powder compatibility with RE-HEALING foam concentrates?**

**A:** Yes, RE-HEALING foam concentrates are compatible with most powder (dry chemical) agents.

**Q: How do I contact SOLBERG?**

**A:** SOLBERG is a PERIMETER SOLUTIONS brand. SOLBERG has the expertise, capabilities and resources to serve the fire protection and firefighting industry throughout the world.

Contact a SOLBERG factory sales representative for personal service.

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