

Our solutions to protect people, planet and profit against fire



About GreenEx

GreenSol solutions are in use on more than 3000 electrical rooms worldwide. GreenEx Fire Suppression Solutions is an all-round supplier of highly effective, innovative and environmentally friendly fire suppression and extinguishing systems for almost all thinkable applications such as server rooms, generator rooms, control rooms, sub-stations, archives, wind turbines and various automotive solutions.

GreenEx is committed to supplying the global market with the latest generation of extinguishing systems with superior, highly reliable, uncompromising quality, safe and high-end extinguishing performances.

Beside GreenSol technology, GreenEx offers GreenMobile and GreenPulse automotive extinguishing systems, FirePASS Oxygen reductions systems and GreenPort Fire Suppression tools. Through innovation and continuous critical research and review, GreenEx ensures the best high-end solutions to satisfy all of its customers requirements.



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GreenSol Aerosol Systems





Applications

GreenSol extinguishing technology is a unique and extremely effective extinguishing agent which has many applications in various industrial, commercial, residential and military fire protection markets. Industries such as power utilities, chemical and petrochemical, oil and gas exploration, shipping, storage, mining, marine (commercial and pleasure), communications, transportation (aviation, automotive) and many other applications such as:

- > Control rooms
- > Cable trays and elevators pits
- > Electrical power panels, cabinets switching boards
- > IT, data centres and small server rooms
- > Telecommunication facilities
- > Generator and transformer rooms
- > Engine and compressor rooms
- > Boiler and pump rooms
- > Flammable and combustible liquid and gases storage
- > Dangerous goods warehouses
- > Paint spray booths
- > Marine applications
- > Basements, roof voids, attics
- > Transportation, forestry, waste management and construction vehicles

The advantages

GreenSol technology offers the following exceptional advantages.

- > UL-2775 Listed
- > ECB Certified
- > Ecologically safe and environmentally friendly (O.D.P.=0, G.W.P.=0)
- > SNAP listed by EPA as Powdered Aerosol A (SFE)
- > Extremely effective suppression agent - 100gr/m
- > Uniquely easy to install and maintain
- > No significant pressure build up
- > Very cost effective
- > Non pressurized containers
- > No piping or nozzles required
- > Approved as Halon alternative for non-occupied spaces
- > Non-toxic
- > Low maintenance
- > Special models for military applications
- > 15 years shelf life

Why Greensol

GreenSol extinguishing technology, also known as Powdered Aerosol A (S.FE) on the EPA SNAP list, or EMAA (Encapsulated Micron Aerosol Agents) by the USAF was one of the first aerosol technologies developed in the West. The GreenSol agents are cast in solid form and are contained in modular units (generators) of various sizes containing from 50 grams to 5 kilograms nett weight of GreenSol aerosol forming compound.

GreenSol is an extinguishing agent known as powdered aerosol that is discharged from a non-pressurized container, delivering small particles (1-3 microns) floating in inert gases that reacts chemically and physically on the fire to extinguish within seconds.

Upon activating it will fill the total volume of the protected compartment. The very fine Potassium particles bind with the free radicals in the room dramatically reducing the temperature and extinguishing the fire.



Greensol aerosol is a unique and extremely effective extinguishing agent which can be used in applications like electrical rooms, generator rooms and archives.