

# DuPont™ Fire Extinguishants Fact Sheet for Facility Managers

Facility managers are keenly aware of the importance of fire extinguishants in office spaces. For industries that rely on technology such as financial services, health care and manufacturing, the effects of extinguishing agents can be as devastating as the effects of fire.

Fire extinguishing agents such as water and dry chemicals can cause additional damage to equipment and high value assets. When choosing fire extinguishants in an office space, facility managers must seriously consider the cost of business interruption once the flames are put out. Down time losses can add up in the millions of dollars per hour and the result can be crippling to operations.

## **Cost Effective, Clean and Safe**

DuPont developed clean agent fire-extinguishants that are environmentally acceptable. Safe for people, electrically nonconductive, non-corrosive and free of residue, DuPont™ Fire Extinguishant clean agents can be used in new applications and replace other agents in existing systems with minimal modifications. They require less agent to exterminate a fire and are more cost effective than competitor's products by a ratio of two to one.

**DuPont™ FM-200®** -- Designed to flood an enclosure, FM-200® should be used where agents such as water, dry chemical, and carbon dioxide are unacceptable because they cause damage to electronic equipment or present a safety risk to people. Operations can resume as soon as fire damage is repaired allowing for minimal business interruption. FM-200® is useful to extinguish fires in locations where delicate or irreplaceable items are present such as those found in museums, libraries and historical sites.

**DuPont™ FE-25™** -- Can replace extinguishing agents in existing systems with minimal modifications, making it the most cost effective fire extinguishant. FE-25™ can be used in computer rooms, telecommunication switch stations, manufacturing facilities, data processing centers, clean rooms, industrial process control rooms, museums, libraries and historical sites. FE-25™ is an excellent choice for flood suppression where people are

present. FE-25™ also suppresses Class-B fire hazards for areas such as petrochemical facilities, chemical storage rooms, paint locker, and other applications with hydrocarbon-based materials.

**DuPont™ FE-13™** -- Can be used in applications where the occupancy of the protected space is of critical concern at the time the space is being protected. This makes FE-13™ useful in total flood applications such as a control rooms where people are present during discharge of the system. FE-13™ can be used in applications with difficult Class-B fire hazards, such as fuels like methanol or spaces where the volume will vary with contents, like cargo holds. FE-13™ can be used where large differences between the low and high hazard temperatures are expected. Some other examples of applications where FE-13™ is used include: pump rooms, flammable liquid processing areas, computer rooms and mobile communication facilities.

**DuPont™ FE-36™** -- In a portable fire extinguisher, FE-36™ is discharged as a stream of gas and liquid droplets that ceases the combustion process through heat absorption and a chemical interaction. Portable fire extinguishers containing FE-36™ are best to protect computer rooms, telecommunications facilities, process control rooms, museums, archives, hospitals, banks and laboratories.

FE-36™ can be a replacement for fire extinguishants in local application systems where there is not a complete enclosure, such as a workbench, fume hood or engine bay. FE-36™ is also used in applications such as a small self-contained total flooding unit. It is suited for cell phone tower support buildings, electric cabinets, electronic vaults and precious item storage vaults.

## **Commitment to Safety**

For over 200 years, safety has been a core value at DuPont. Through the miracles of science, we protect what matters most – people, assets and the environment. It is our goal to provide businesses with fire safety solutions – from fire extinguishants, to limited combustible communications cabling. To learn more about DuPont fire safety solutions, visit [www.dupont.com](http://www.dupont.com).



*The miracles of science™*