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The hfc-125 is the most famous and globally accepted fire suppression agent. It is an eco friendly agent and is used as the replacement of H-1301. This agent has almost nil particles for ozone depletion hence this has been popularly used. It has less of global warming potential and also the atmospheric life is of a short span. The r-236fa is also known as the gaseous fire suppression agent. This agent is useful when the water released from the fire extinguisher can damage the expensive imported equipment. This is also useful in situations where the water based fire extinguishing does not work.

The hfc-125 is mostly used by hospitals, museums, banks, clean rooms and many government organizations where they have to maintain certain equipment for protection of the data. The major quality of this agent is that it does not cause ozone depletion and hence preferred by most of the people as fire suppressing agent. The hfc-125 is stored in a container with extreme pressure and at the time of any kind of hazard the agent is released in the form of gas to fight it out. This fire suppressing agent does not have any pungent odor unlike other fire extinguishers. There is no specific color to it and the most important is a non-conductor of electricity; no corrosion of the metal occurs with the use of the r-236fa.

When the hfc-125 is used during the fire there is no residue left and hence this agent is used in almost all the important places to protect the high cost equipment. When the agent is used during fire; the fire is suppressed by the agent by absorbing the heat energy caused by the fire. The molecular level is much faster as compared to the spread of the fire and hence it can easily control the devastating fire. Hence it becomes difficult for the fire to spread. The hfc-125 helps in the combustion process by formation of radicals which interferes with the chemical reaction and settles the fire. Hence this is considered as the most effective agent for fighting out the fire and at the same time it safe guards the people lives and you can protect your expensive equipment form the damage of the fire.

Initially when r-236fa was introduced in the market most of them felt that it was not a safe idea to keep it indoors. But later on when the properties of the agent were explained people became aware that is the safest fire suppressing agent and it is important to have one in every home or any commercial place.

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Alex Rehnols is a USA Author Working With refrigerantcompany.com as an marketing manager. The Refrigerant Company sells virgin (brand new, never used) refrigerant products nationwide. We manufacture the following refrigerants :R-134A,R-410A,R404A,a R-236fa,a HFC-125 all at direct from the manufacturer prices.

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