

Purple-K Dry Chemical Suppressing Agent

Application

Purple-K dry chemical agent may be used to combat fires in flammable liquids, gases, and greases (Class B) including such fires when involved with energized electrical equipment (Class C). Because of its excellent fire fighting effectiveness, Purple-K agent is widely used in the petroleum industry and in other areas where the fire risk is high.

Purple-K agent is available in hand portable and wheeled extinguishers, large stationary units, mobile units, and various fixed nozzle piped systems.

Description

Purple-K agent is one of the most effective of the dry chemicals against Class B fires. It is a potassium bicarbonate based dry chemical containing chemical additives, and is produced by an exclusive chemical process. The resultant agent is free-flowing, water repellent, non-abrasive and, when used as a fire suppressing agent, will produce no toxic effects. Purple-K agent is purple in color to differentiate it from the other dry chemical agents.

Post-fire cleanup of Purple-K agent can be readily accomplished using a vacuum cleaner or a broom and dust pan.

Performance

Purple-K agent is extremely effective against Class B fires, and has been shown to be at least 4 to 5 times as effective in extinguisher applications as carbon dioxide, and more than twice as effective as sodium bicarbonate based suppressants. Various extinguishers will operate at temperatures as low as -65 °F and as high as 120 °F (-54 °C and 49 °C).

CAUTION

Never mix Purple-K agent with phosphate based dry chemicals. A chemical reaction that is harmful to the extinguisher will take place.



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Ordering Information

Purple-K dry chemical agent is available in:

Part No.	Description	Color
710201	Pail 50 lb (22.7 kg)	Purple

Refill services are available from your local Authorized CHEMGUARD Distributor.

Approvals and Listings

Nationally recognized testing laboratories grant an approval or listing for the combination of an extinguisher and its agent. Numerous types and sizes of approved or listed Purple-K dry chemical extinguishers are available. Following discharge, these extinguishers are to be refilled only with the original agent, as specified on the nameplate. This agent meets specifications of agencies of the U.S. and Canadian governments.

Note: The converted metric values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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