PURPLE-K DRY CHEMICAL

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DATA SHEET

Purple-K Dry Chemical Suppressing Agent

Application

ANSUL® 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 ANSUL 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 repellant, 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 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 extinguishants. 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 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
9335	Pail 50 lb (22.7 kg)	Purple
25398	Drum 200 lb (90.7 kg)	Purple
9369	Drum 400 lb (181.4 kg)	Purple

Refill services are available from your local Authorized ANSUL 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 extinguishers are available. Following discharge, these extinguishers are to be refilled only with 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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