

# Data/ Specification Sheet

## 'Purple-K' Dry Chemical Extinguishing Agent

### APPLICATION

PYRO-CHEM® 'Purple-K' 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' is widely used in the petroleum industry and in other areas where the fire risk is high.

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

### DESCRIPTION

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

Post-fire cleanup of 'Purple-K' 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.

### ORDERING INFORMATION

'Purple-K' is available in 50 lb (22.7 kg) pails (Part No. 551950). Refill services are available from your local PYRO-CHEM 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 the original agent, as specified on the nameplate. This agent meets specifications of agencies of the U.S. and Canadian governments.



PYRO-CHEM  
One Stanton Street  
Marinette, WI 54143-2542  
715-732-3465  
[www.pyrochem.com](http://www.pyrochem.com)

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