

## ABCR Dry Chemical Suppressing Agent

### Application

PYRO-CHEM ABCR agent may be used to combat fires in ordinary combustible materials such as wood, cloth, paper, rubber and many plastics (Class A) as well as fires in flammable liquids, gases and greases (Class B) and fires involving energized electrical equipment (Class C). ABCR is of particular value on combination fires (Class A and B together) and on Class A fires at temperatures which would freeze water. A typical application is the heavy equipment used in the logging industry.

ABCR is available in hand portable extinguishers.

### Description

ABCR agent is the only PYRO-CHEM dry chemical that provides Class A fire suppression. It is a monoammonium phosphate based dry chemical containing chemical additives. The resultant agent is free-flowing, water repellant, non-abrasive, and when used as a fire suppressing agent will produce no toxic effects. ABCR is yellow in color to differentiate it from the other dry chemical agents.

Moisture may combine with monoammonium phosphate based agents in post fire situations to produce mild corrosion. Because of this, prompt cleanup is recommended. If the agent cannot be readily swept up, warm water may be used as a solvent.

### Performance

Monoammonium phosphate based suppressants are unique among dry chemicals because of the "A" rating. PYRO-CHEM ABCR agent is at least 4 to 5 times as effective as an equal weight of water on Class A fires. 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 ABCR agent with bicarbonate based dry chemicals. A chemical reaction that is harmful to the extinguisher will take place.

### Ordering Information

PYRO-CHEM ABCR agent is available in:

Part No.	Description
552519	45 lb (20.4 kg) Pail
552518	45 lb (20.4 kg) Pail (Tech Grade)

Refill services are available from your Authorized 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 ABCR 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.

Safety Data Sheets (SDS) are available at [www.pyrochem.com](http://www.pyrochem.com)

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

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