

## ABC Multipurpose Dry Chemical Suppressing Agent

### Application

ABC Multipurpose dry chemical suppressing 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). ABC agent 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.

ABC dry chemical agent is available in hand portable and wheeled extinguishers, large stationary units, mobile units and various fixed nozzle piped systems.

### Description

ABC dry chemical agent is the only one of the dry chemical agents that provides Class A fire extinguishment. It is a monoammonium phosphate based dry chemical containing chemical additives, and 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. ABC agent 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.

### Performance

Monoammonium phosphate based extinguishants are unique among dry chemicals because of the "A" rating. ABC dry chemical 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 ABC dry chemical agent with bicarbonate based dry chemicals. A chemical reaction that is harmful to the extinguisher will take place.



009826

### Ordering Information

ABC dry chemical agent is available in:

<u>Part No.</u>	<u>Description</u>	<u>Color</u>
441631	Pail (ABC) 50 lb (22.7 kg)	Yellow

Refill services are available from your 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 ABC dry chemical agent 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.

CHEMGUARD and the product names listed in this material are marks and/or registered marks. Unauthorized use is strictly prohibited.