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Dry Chemicals and Dry Powders

BC Dry Chemical Powder

DESCRIPTION

Chemguard "BC", stearated or siliconized sodium bicarbonate based dry chemical powders, are suitable for use on either Class B or C type fires. During the manufacturing process, they are treated with flow promoting and moisture repellent additives and checked for particle size. The special Chemguard manufacturing process and quality control system ensures that the purchaser will receive a powder that is cost efficient with maximum fire extinguishing performance. BC Dry Chemical powders have long term storage stability and are suitable for use as a recharge agent in most manufacturers' fire extinguishers that utilize sodium bicarbonate based dry chemical powder. It is suitable for use on fires involving flammable liquid fires (Class B) including cooking oils, grease and energized electrical equipment (Class C). Chemguard BC powder is typically white in color.

EXTINGUISHING MECHANISM

When Chemguard BC dry chemical powder is used on fires involving flammable liquids, it is generally accepted that when the powder is introduced directly into the fire area it causes the fire to go out by interfering with the chemical chain reaction in the combustion zone.

FOAM COMPATIBILITY

All Chemguard dry chemical powders are considered foam compatible when used in conjunction with foam solutions generated by Chemguard manufactured foam concentrates such as AFFF, AR-AFFF, High Expansion, Training Foams and Class A Plus.

STORAGE

Chemguard dry chemical powders are formulated so that they are not affected by long term storage. As a general guide all Chemguard powders are stable at low temperatures down to -60°F (-54°C), with an upper storage limit of 120°F (49°C).

CAUTION

Never mix bicarbonate based dry chemical powders with monoammonium based powders in any fire extinguisher due to a chemical reaction which may occur.

PACKAGING

Chemguard BC dry chemical powder is supplied in 50 lb. plastic pails or 50 lb. plastic lined boxes, 2,000 lb. bulk bag (super sacks) or 400 lb. Drums are available on request.

ORDERING INFORMATION

Part No	Description
PB1002	Siliconized BC powder in 50 lb. Box
PP1002	Siliconized BC powder in 50 lb. Pail
PD1002	Siliconized BC powder in 400 lb. Drum
PBB1002	Siliconized BC powder in 2,000 lb. B/Bag

Custom formulations including variations in the sodium bicarbonate content of the BC dry chemical are available upon request.