

Technical Data Sheet

Wet Chemical Extinguishing Agent

Seaguard Wet Chemical extinguishing agent is designed for the protection and extinguishing of grease, oil and fat fires typically found in restaurants. The extinguishing agent is an aqueous solution specially formulated with inorganic salts and is premixed for immediate use in all types of extinguishing systems.

APPEARANCE

Clear colourless liquid with no odour.

APPLICATION

The product is to be used as a saponifying agent for combating cooking oil and fat fires. Wet Chemical when sprayed onto fires provides the following:

- Cooling effect. The aqueous product will provide a cooling effect and reduce fuel temperature. This helps prevent reignition.
- Excellent flame knockdown. The product when sprayed onto an oil/grease fire reacts immediately to form a soap like blanket.
- Forms a layer of foam on the surface of the fire which acts as a blanket and smothers the fire. The foam blanket reduces the amount of oxygen available for the fire.



SPECIFICATION

Specific Gravity @ 25°C	1.2-1.3
pH Value	8.2
Boiling Point	>100° C
Freezing Point	<0° C
Storage Life	5 years plus
Conforms to AS 1841.3 - 1992	

COMPOSITION

50% (w/v) solution in water of potassium salts.

SHELF LIFE

The product has a 5 year minimum shelf life when stored under normal conditions. The drum should not be left with the cap or bung left off for long periods. This may result in water evaporation and possible precipitation of the salts out of solution. These solids may block nozzles etc. Do not store outside the range of 4.0 to 50.0° C.

WARNING

Care should be taken when handling this product. The high pH indicates that should contact be made with eyes or skin then the area should be flushed immediately with copious amounts of water to avoid burns.

Whilst the components are classified as nonhazardous, good occupational work practices should be maintained at all times.

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COMPATIBILITY

Seaguard Wet Chemical extinguishing agent is chemically compatible with all major manufacturers' wet chemical, wet chemical fire extinguishers and systems.

PACKAGING

DRUM 21 litre

DRUM 200 litres