MINIMAX
MOBILE SERVICES

FIRE EXTINGUISHER WITH ALCOHOL-RESISTANT FOAM

WS 6 nGac

also suitable for fires of lithium-ion batteries*

PRODUCT

- Foam fire extinguishers are ideal to fight initial fires of fire classes A and B. The fire extinguisher WS 6 nGac contains a special wet extinguishing system consisting of foaming agents and additives, which is also suitable for extinguishing polar liquid fires (e.g. alcohols).
- For fires of class A, the cooling effect is operating. The water lowers the temperature below the inflammation point and extinguishes the flames. The high wetting effect facilitates the entrance of the extinguishing medium burning substance.
- In fire classification B, an aqueous film and a foam layer stop the oxygen supply. An aqueous film (AFFF) is formed on flammable, liquid, non-polar hydrocarbons (e.g. mineral oil products) which covers the burned areas with a sustainable gas-proof layer. A stable polymer film is formed on polar, foam-destroying solvents (e.g. alcohol), which prevents the destruction of the foam by the solvent.

APPLICATION

- Foam fire extinguishers are used wherever fires involving solid, organic substances or liquid or liquifiable solids need to be extinguished.
- The fire extinguisher WS 6 nGac is an ideal extinguishing solution, if consistency, covering and extremely stable foam layer is required.
- Typical areas of application are:
  - Chemical industry
  - Laboratories and practices
  - Sales areas for solvents
  - Alcohol manufacturing or processing companies
  - Especially in all areas, where polar liquids such as isopropanol or acetone are handled
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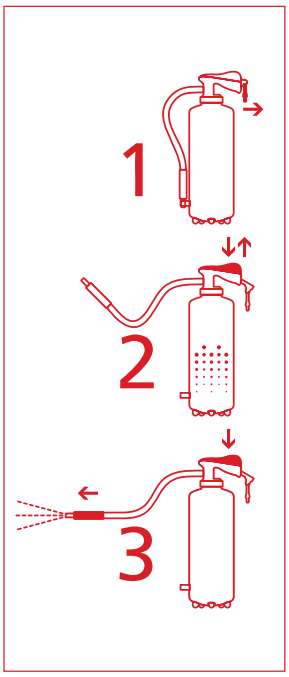
*) Up to a size of a battery for electric bicycles with max. 50 V alternating voltage (AC) and max. 120 V direct voltage (DC).

YOUR ADVANTAGES

- Suitable for two special applications: Fires of polar and non-polar liquids and fires of lithium-ion batteries.
- With lithium-ion batteries, the thick foam layer prevents the fire from spreading to adjacent fire loads and delays or extinguishes the fire of the lithium-ion battery through the cooling effect.
- Optimal extinguishing jet and excellent extinguishing power (12-fold) thanks to a special extinguisher nozzle.
- High extinguishing efficiency due to combination of several extinguishing effects
- Easy flow control with adjustable solution nozzle
- No re-ignition in case of liquid fires
- Very little, easy to remove extinguishant residues
- Lever made of impact-proof high performance polymers, high corrosion resistance and sturdiness
- Easy handling due to standardised operation and immediately recognisable functions
- Plastic-coated CO_2 propellant bottle with stainless steel connecting piece
- Extinguishing agent container made from high quality steel: protected against corrosion by a robust polyester resin outer coating

FUNCTION



Pull locking pin

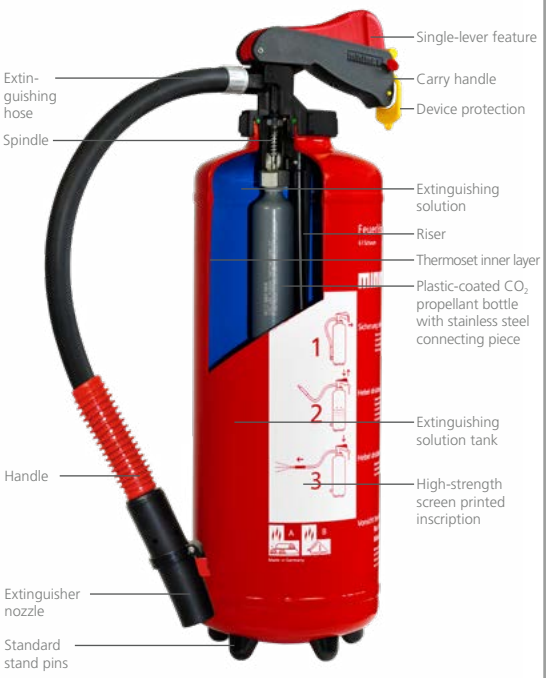
- In the event of a fire, remove the fire extinguisher from its support and briskly pull the yellow locking pin on the handle backwards.

Press lever, then release

- Hold the hose, press the discharge lever all the way down and release again. The fire extinguisher builds pressure through the internal CO_2 gas canister and can be used immediately.

Press lever to extinguish

- Aim the extinguishing nozzle towards the fire and press the discharge lever again. Commence extinguishing in a targeted manner.



- In order to avoid operating errors, all fire extinguishers should be premises with the same operating controls. Minimax offers easy-to-use extinguishers with uniform single-lever operation for all areas of application and fire classification, thus guaranteeing high levels of safety.
- After pulling out the lock, the extinguisher is ready to operate. When the pressure lever is operated, a blade penetrates the sealing film on the propellant container and opens it. The propellant gas flows into the extinguishant cylinder, presses the extinguishant through the riser and extinguishing hose and, while admixing air, pushes it out of the extinguisher nozzle.
- The extinguishant flow is interrupted when releasing the pressure lever. Repeated operation of the pressure lever brings fires of solid substances under control. Put liquid fires out in one go!

MAINTENANCE

- Portable fire extinguishers must be maintained regularly by competent persons. The intervals for maintenance of portable fire extinguishers should be done in accordance with the national regulations. The competent person has also to comply the maintenance instructions of the manufacturer.
- After use — even after only partial emptying — extinguishers must be refilled immediately in order to reinstate operational readiness.
- Ask your local agent for all test and filling services.
- The fire extinguisher is not suitable for use on electrical systems, only up to 50 V alternating voltage (AC) and max. 120 direct voltage (DC).

Approval

EN 3

TECHNICAL DATA

Type	Approval no.	Extinguishing agent quantity	Extinguishing agent	Propellant gas	Test pressure	Max. operating pressure (max. PS) at +60 °C	Duration	Discharge range	Temperature function range	Performance classes*		Dimensions			Gewicht ohne Halter
												Height	Width	Ø	
		l			bar	approx. bar	approx. s	approx. m	°C	A	B	mm	mm	mm	ca. kg
WS 6 nGac	SP 06/18	6	alcohol resistant AB-Premix	carbon dioxide	33	23	37	5	5 to +60	13 A	113 B 34 B Acetone	550	312	160	10,6
Subject to technical modifications															

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