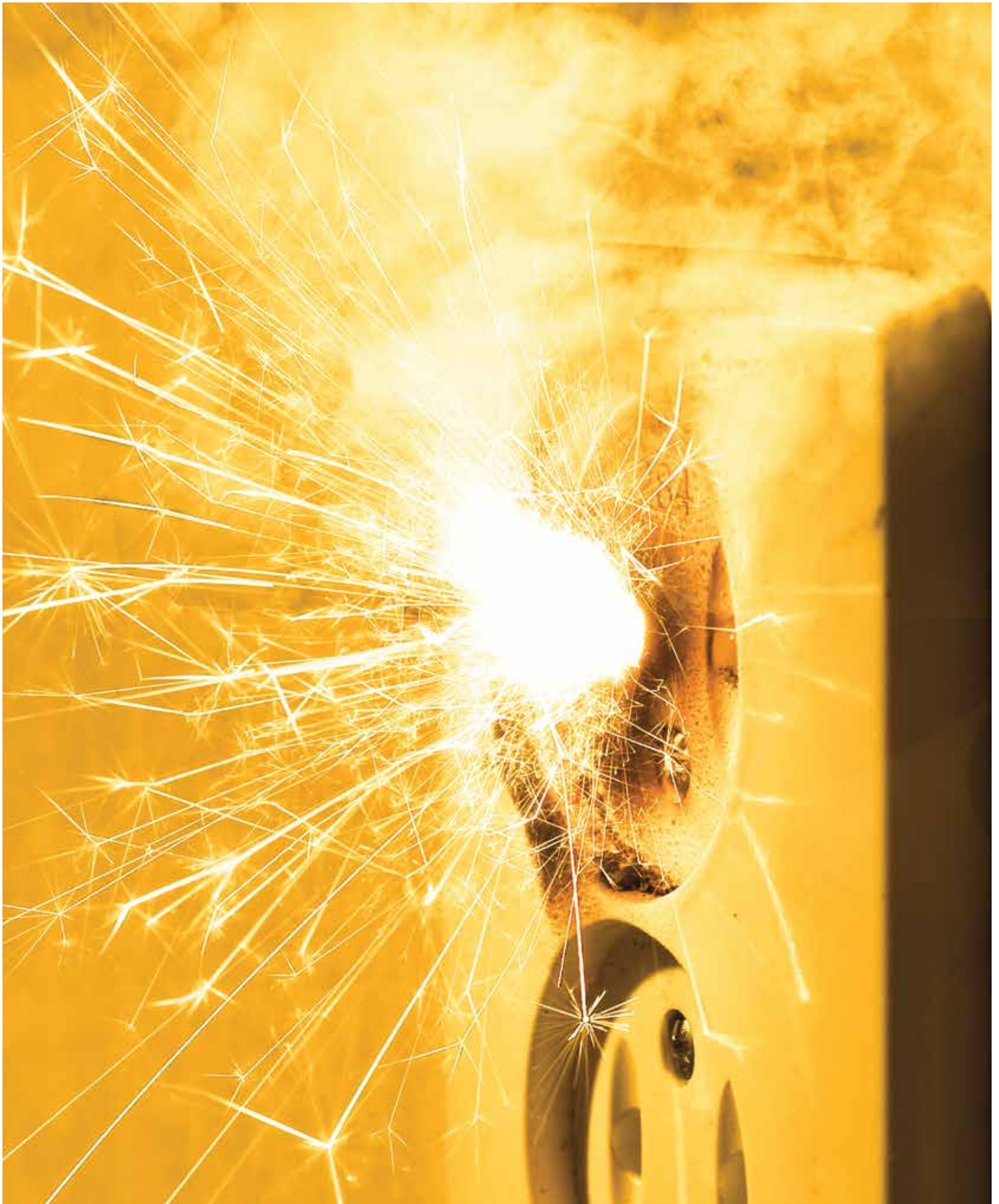




**WE'RE PUTTING
FIREFIGHTING ON
AUTO-PILOT**



CEASEFIRE LAUNCHER:
Extinguisher + Suppression System



IN A FIRE SITUATION, YOUR FIRST REACTION IS TO RUN.

No matter how state-of-the-art the firefighting equipment on the premises is, your intent is not on putting out the flames, but instead on putting enough distance between you and the danger.

While preventive measures are a necessity in any establishment, ensuring you have firefighting technology that can be initiated and continue to fight the fire even after the people on the scene have rushed to safety is what's essential.

An extinguisher that can also automatically actuate when no one is around.

But what if this product doesn't exist anywhere in the world? It does. Ceasefire innovated and built it.

INTRODUCING THE CEASEFIRE LAUNCHER

The world's first firefighter that's one, an extinguisher; two, takes over firefighting when the fire becomes too big to handle; and three, turns into a suppression system when no one is around. And it's ready for launch.

Presenting Launcher - The world's first extinguisher that does a firefighter's job, and more.

The Ceasefire Launcher is a futuristic product that takes firefighting to a level the world has yet to experience. Fire? The extinguisher, powered with MAP 90, is made for firefighting. Just aim it at the flames and it's ready to go.

No one around to detect the fire? This one-of-a-kind extinguisher launches into a standalone, modular suppression system when it senses a rise in temperature over 60°C. Ensuring that no fire ever goes undetected and unaddressed.

The biggest pro of this revolutionary extinguisher is that it eliminates the need for the firefighter to go near the fire. This is a huge benefit, especially in the case of a large blaze. As for a con, we're still to find one.



In the event of a large fire, it allows the firefighter to launch the fire extinguisher in the direction of the flames and rush to safety, while the extinguisher automatically activates and extinguishes the flames.



*It is mandatory for the extinguisher to be refilled by Ceasefire in the 3rd year.

HOW THE LAUNCHER WORKS



1

The Launcher as a Fire Extinguisher:

Powered by MAP 90, the highest form of ABC powder used for firefighting. Designed to engage in seconds to battle the flames. Easy to carry, it allows you to get to the scene of the fire quickly and use it effectively. In its simplest form, the Launcher is a thorough firefighter. All you need to do is aim the extinguisher at the fire, and the Launcher takes care of the rest. But to underestimate the Launcher as a simple fire extinguisher is a mistake. It's more. Much more.



2

The Launcher as an Auto-Pilot System:

The Launcher is the first of its kind extinguisher in the world, armed with two heat sensors and two unique discharge nozzles that face in opposite directions. When rolled or launched at the fire, the heat sensors automatically sense the rise in temperature

and activate the extinguisher. Instantly, MAP 90 is released through the nozzles. Since the nozzles are placed opposite to one another, no matter which way the extinguisher is facing, the powder chemically interferes with the fire, blanketing and extinguish the flames.

The Launcher in action

3

The Launcher as a Suppression System:

We understand that there may be times when no one is on the scene when a fire breaks out. Which means that there's no one there to launch the extinguisher in the direction of the flames. Pre-empting such situations, Ceasefire built the Launcher to be able to transform into a standalone, modular suppression

system when no one is around. The heat sensors on the Launcher detect a rise in temperature in the room and activate the system. Flooding the room with MAP 90 that causes a chemical interference with the fire, and brings it under control.



FEATURES AND BENEFITS OF THE CEASEFIRE LAUNCHER



Deep Drawn Body:

The shell of the Launcher is made using deep drawn process. The decrease in welding seam makes it leak proof and allows it to attain high burst capacity



Convenient Handle:

The handle allows the firefighter to use the extinguisher with ease. It also helps at the time of the extinguisher being launched at the fire.



Unique Discharge Mechanism:

Fitted with a thermal activation device, it ensures a 360 degree discharge for optimum suppression effect.



Self-Actuation:

Since the Launcher can be self-actuated, it enables safe evacuation, eliminates the fire and stands guard at high fire risk areas.



Two Heat Sensors:

Armed with two heat sensors, that pick up temperatures over 60°C, activating the system automatically as a suppression system.



State-of-the-art Pressure Gauge:

If the pressure needle is in the green zone, it indicates that the extinguisher is in perfect working condition.



Hydrastatic Pressure Testing and Helium Leak Detection Test:

This ensures that your Launcher performs perfectly. Because when it comes to a fire, there are no second chances.



EPDM Rubber Hosepipe:

This durable, long-lasting pipe doesn't develop any cracks due to wear and tear.



Works on All Classes of Fire:

In a fire situation, there is no time to think about which extinguisher to use on which kind of fire. The Launcher can be used on any kind of fire, making it a truly versatile firefighter.



THE LAUNCHER IS QUICK AND EFFECTIVE

Powered by MAP 90, the Ceasefire Launcher is effective against all classes of fire. MAP 90 ensures that 90% concentration of Mono Ammonium Phosphate is available to fight the flames, maximising the extinguisher's firefighting power. In fact, it's the highest MAP available in the industry.



APPLICATION AREAS

The Launcher is ideal for almost any area. The ease and versatility with which it switches from one system to the other, allows for quick, efficient firefighting, no matter where, no matter when.



Offices:

While offices are buzzing with activity during the day, most lie empty from the evening till the next morning, staying closed for 12-14 hours a day. The Launcher's auto-detection and activation feature allows it to fight a fire on these premises, even when no one is around. In case of fires during the day, the staff can simply launch the extinguisher at the flames and rush to safety.

Schools and Hospitals:

Schools are filled with little children, unable to fight fires and prone to panic. While in the case of hospitals, the patients are too frail to engage in firefighting. Placed at strategic places on the premises, the Launcher forms a first layer of protection and fights fires on its own. Allowing the staff in both institutions to focus their attention on the people and not the flames.



Garment Showrooms and Godowns:

Fires in deserted areas such as warehouses, and storage areas, or in garment stores where there is a lot of material to fuel the fire on can be undetected till all the goods stored inside are completely destroyed. These fires can easily spread to adjacent storage areas. The Launcher is ideal to combat these blazes, taking on the fire on its own.



Malls:

Strategically placed, the Launcher provides a protective first layer. It auto-protects small environments, like individual stores, and can prevent fire from spreading.



Paint Factories:

Especially vulnerable to big fires, the Launcher works on paint fires, bringing them under control in no time at all.



Factories and Manufacturing Set-ups:

A large number of production lines require the presence of fire for manufacturing. These factories face a higher fire risk than others. The Launcher can quickly be launched at these fires to battle the flames while people vacate the premises.

Petrol Pumps:

Fires involving fuel can get out of control in no time. The heat generated from these fires doesn't allow the firefighter to get close to the flames to fight the flames. In these instances, the Launcher comes to the rescue, allowing the firefighter to throw the extinguisher into the big fire and control the fire situation.



The Launcher is an apt replacement for all conventional fire extinguishers, because of its unique self-detection and activation feature that makes a passive extinguisher active automatically.

TECHNICAL SPECIFICATIONS

4 kg



6 kg



9 kg



NOMENCLATURE FOR PORTABLE FIRE EXTINGUISHER	Automatic Fire Ext Launcher MAP90 4KG MS SP	Automatic Fire Ext Launcher MAP90 6KG MS SP	Automatic Fire Ext Launcher MAP90 9KG MS SP
PRODUCT CODE	CF-000727	CF-000728	CF-000729
PRESSURE TYPE	Stored Pressure	Stored Pressure	Stored Pressure
EXTINGUISHING AGENT	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90
APPLICABLE ON FIRES	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire
IS 15683 RATINGS			
IS 15683 RATINGS			
IS 15683 RATINGS			
EN 3 RATINGS	21A	27A	43A
EN 3 RATINGS	144B	183B	233B
EN 3 RATINGS	NA	NA	NA
CERTIFICATION STANDARD	PED	PED	PED
CERTIFICATION BODY	EUROCERT	EUROCERT	EUROCERT
GROSS WEIGHT	Approx. 8.70 kg	Approx. 11.50 kg	Approx. 16.80 kg
NET CONTENT	3.92 to 4.08 kg	5.88 to 6.12 kg	8.82 to 9.18 kg
APPROX. HEIGHT OF FIRE EXT.	505 mm	545 mm	675 mm
DISCHARGE MECHANISM	Squeeze Grip/Automatic	Squeeze Grip/Automatic	Squeeze Grip/Automatic
CAN CONSTRUCTION	DEEP DRAWN AND MIG WELDED	DEEP DRAWN AND MIG WELDED	DEEP DRAWN AND MIG WELDED
VALVE / CAP CONSTRUCTION	FORGING AND MACHINING	FORGING AND MACHINING	FORGING AND MACHINING
INTERNAL COATING	EPOXY POWDER COATING	EPOXY POWDER COATING	EPOXY POWDER COATING
EXTERNAL COATING	EPOXY POLYESTER POWDER	EPOXY POLYESTER POWDER	EPOXY POLYESTER POWDER
HELIUM LEAK DETECTION TESTING	YES	YES	YES
WARRANTY IN YEARS	6	6	6
APPROX. GUN WEIGHT IN KG	N/A	N/A	N/A
WORKING PRESSURE	15Bar	15Bar	15Bar
DIA. OF SHELL (OD)	140.0 mm	160.0 mm	175.0 mm
OPERATING TEMPERATURE	-30oC to +60oC	-30oC to +60oC	-30oC to +60oC
HYDROSTATIC TEST PRESSURE	35Bar	35Bar	35Bar
CYLINDER MATERIAL SPEC.	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
BODY THICKNESS	1.6 mm	1.6 mm	2.0 mm

FIGHTS CLASS

A B C ⚡

STANDARDS

PED

CERTIFICATIONS

CE₁₁₂₈

CERTIFYING BODY



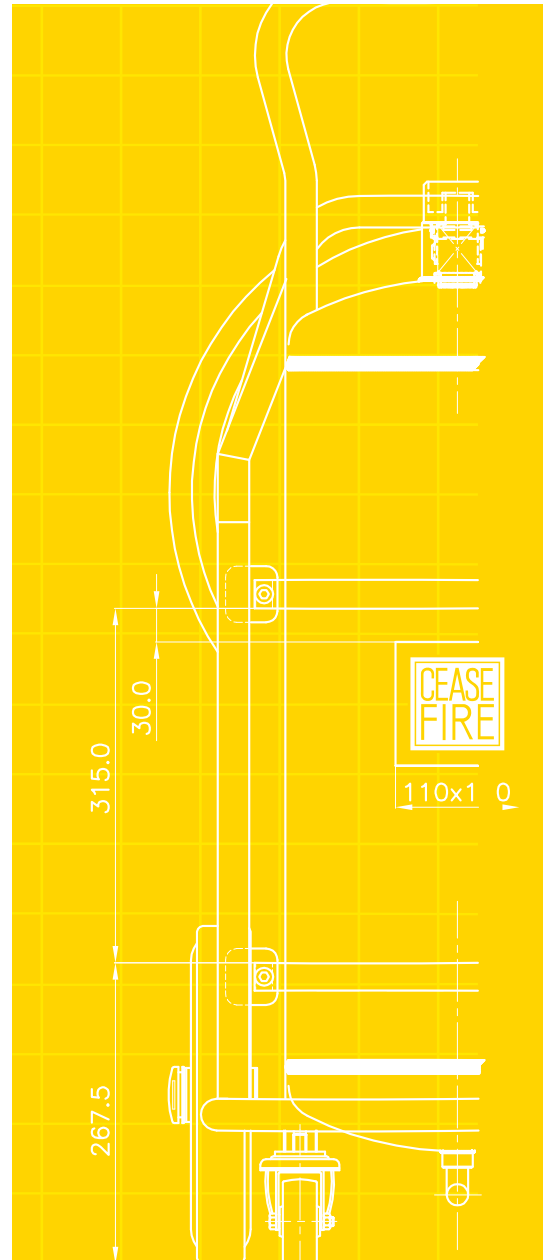
CEASEFIRE DESIGN CELL:

Because no two premises are alike, before the Ceasefire Launcher can be installed the Ceasefire's Design Cell steps in.

Functioning as a single touchpoint for all safety and security needs, the Design Cell is manned by fire experts and managers with years of experience in fire safety under their belts. First, the team gauges the size of the area to be protected and applies a scientific formula to determine the ratio of MAP 90 and Launchers required to battle flames in the event of an emergency. Only then does the Installation Team take over and set up the products in the premises. Creating a modular based suppression system that doubles as standalone extinguishers and triples as a product that can be launched at the fire and activates automatically. The Ceasefire Team also trains you and your staff to use the fire safety system. Post installation, the Service Team maintains and services the system through Intensive Ceasefire Care Unit (ICCU).

Benefits:

- An exhaustive planning process, executed by engineers with years of experience.
- State-of-the-art solutions and products in association with world leaders.
- Design and installation of the Launcher modular system overseen by professionals, ensuring delivery of a high quality, reliable product.



CEASEFIRE NOW

360° lifesaving fire and safety solutions. More than 3,000 new customers a month. A product sold every 61 seconds. A life saved every 9 minutes. Presence in over 300 cities and towns. Backed by a team of more than 2,000. 400 lifesaving products – from green fire extinguishers that can tackle any kind of fire to automatic suppression systems – Ceasefire has it all. We're equipped and ready to protect your premises.



**CEASE
FIRE**

EXTINGUISHER

4 KG ABC POWDER

A 144B C

PULL OUT THE SAFETY PIN.

AIM THE NOZZLE AT BASE OF THE
FIRE AND DEPRESS THE LEVER,
FROM A DISTANCE OF 2 METERS OR
THROW THE EXTINGUISHER INTO
THE FIRE. THE EXTINGUISHER WILL

TESTED TO DEMONSTRATE
WORKING PRESSURE
MAXIMUM ALLOWABLE
TEMPERATURE UNDER
PROPELLANT GAS
GROSS WEIGHT & DIMENSIONS
INSPECTION: MONTHLY
EXTINGUISHER & HOSE
SEAL IS IN PLACE
NOZZLES & HOSE
MAINTENANCE: PERIODICALLY
PERIODICALLY
TAMPER INDICATOR
CHECK THAT THE
CORROSION
PRESSURE INDICATOR
GREEN ZONE
CALL YOUR LOCAL
FIRE DEPARTMENT

POWDER

EN3



**CEASE
FIRE**

FIRE EXTINGUISHER

9 KG ABC POWDER

43A 233B C



1. PULL OUT THE SAFETY PIN.



2. AIM THE NOZZLE AT BASE OF THE
FIRE AND DEPRESS THE LEVER,
FROM A DISTANCE OF 2 METERS OR
THROW THE EXTINGUISHER INTO
THE FIRE. THE EXTINGUISHER WILL
ACTIVATE AUTOMATICALLY.



FOR USE ON FIRES INVOLVING



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