



PRODUCT SHEET

FIRE PROTECTION

LIQUID FIRES JAF 1290

Miraculum Applications fire protection and fire extinguishing agent JAF 1290 patent pending, developed by Miraculum Applications with information about the product, its properties, areas of use, handling and environmental impact. JAF 1290 saves lives, costs and reduces costs for extinguishing, decontamination and restoration after a liquid fire. The product is used as a preventative and in active firefighting.

The information in this product sheet is based upon JAF 1290's Safety Data Sheet. Complete information about JAF 1290 properties, areas of use, handling and environmental impact is available upon request in its Safety Data Sheet. Miraculum Applications stands for research, testing and knowledge in the development of their products.

Product Description

JAF 1290 is a water based, ISO 834 certified, environmentally friendly fire retardant, which can be used both as a preventative and also in active firefighting. JAF 1290 prevents forest fires from spreading as a preventative and also during active forest fires. The product also has a cooling effect.

JAF 1290 behaves as water when it leaves the nozzle but changes to a gel when it hits a target and is thus very effective when it comes to extinguishing fires. The area hit by the fire retardant does not ignite. Extinguished areas do not reignite.

JAF 1290 is mostly used to fight fires on liquids in active firefighting. JAF 1290 is very effective when fighting fires in liquids as it binds to the surface of the liquid. JAF 1290 remains bound to the surface of the liquid it is applied on. During active

firefighting it is impossible short term for the fire to continue when JAF 1290 has been applied. Liquids that have been treated with JAF 1290.

Areas of use

JAF 1290 can be used on most liquid fires as a preventative to spreading and in active firefighting, i.e. oil spill.

Application

JAF 1290 is applied through spraying on the liquids.

Environmental Impact

JAF 1290 is dissolvable in water. It contains a mixture of water, inorganic phosphates, sulfates and ammonium chloride (1-3%). JAF 1290 is free from bromides and other heavy metals.

The fluid is very effective as a fire extinguisher. It is most effective if applied on the fire as a mist,

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consequently minimizing consumption. Minimal consumption leads to a decreased need of storage and transport, which benefits the environment.

Equipment and tools are cleaned with water after use.

Packaging

JAF 1290 is delivered in plastic containers of 1, 5, 25 and a 1000 liters in either ready to use or as a concentrate.

Safety data sheets provided upon request.

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Facts

<p>Form/appearance: Liquid, aqueous. Color: Transparent. Smell: Weak smell of ammonia in liquid form and no smell when product has dried Boiling point: 100 °C Freezing point: -1 °C pH in concentrated solution: from 6 to 6,8.</p>	<p>Viscosity: 3-15 depending on concentration. Ingredients: Water, Ammonium chloride. Packaging: JAF 1290 is delivered in plastic containers of 1, 5, 25, and a 1000 liters. Storage: Stored frost-free in well-sealed containers. Manufactured by: Miraculum Applications.</p>
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