

PREFIREX – A LONG-TERM FIRE RETARDANT

PREFIREX is a proactive, environmentally-friendly fire prevention liquid that is sprayed on the ground as a chemical firebreak to prevent wildfires spreading further.

PREFIREX applications in:

- Military grounds and national borders (military training areas, explosive storages)
- Critical infrastructures and private properties (power plants, airports, houses, buildings)
- Agriculture and farming areas
- Forest and ground fires

Each year, fires destroy millions of hectares of forests, farming land and properties, releasing CO₂ and putting lives in danger!



PREFIREX: maintains fire resistance on the ground up to 5 days once applied, depending on the weather conditions.

Key Data:

- Main ingredient: MgSO_4
- pH = 6.5
- Color: white to off-white.
- Relative density: 1.25 g/ml
- Viscosity: 140 cP (mPas)

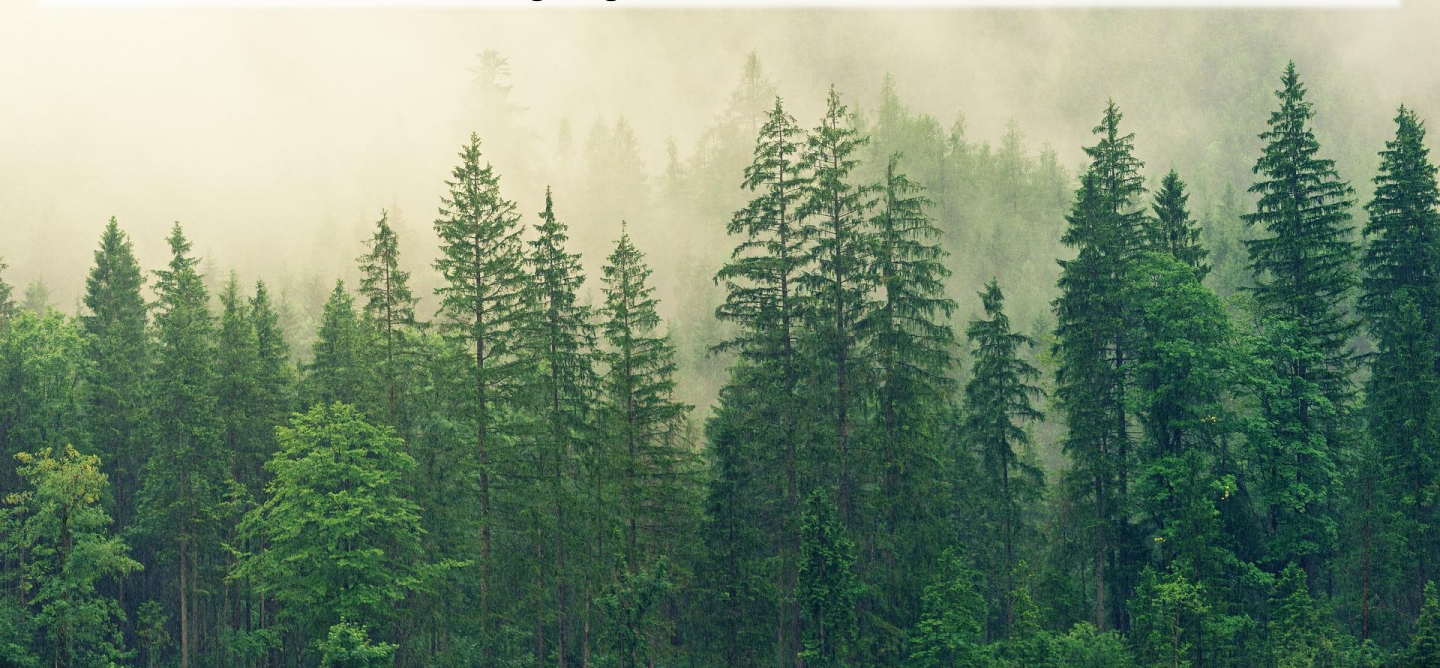
→ Contact us for full SDS
(Safety Data Sheet).

Key Facts

- Ready-made liquid -no need added water or mixing it
- Doesn't cause harmful emissions to the climate
- Anti-corrosive properties
- Sprayed area will be functional up to 5-days
- Storage lifetime is up to 2 years
- After the fire, it left as a fertilizer on the surface of the soil

How does it work?

1. Fire produces heat, and in certain temperature the active ingredient of *PREFIREX*, $\text{MgSO}_4 \cdot 7 \text{H}_2\text{O}$ begins to vaporize, which gradually releases the water.
2. The released water lowers the temperatures and shut down the fire.
3. After the fire, the remaining magnesium sulfate left as a fertilizer into the soil



Ask your Xpyro representative for *PREFIREX* safety data sheet, in full compliance with (EU) No 2020/878

Tested and qualified by:
Finnish Defence Forces and
Emergency Service Academy Finland
Mediterranean Agronomic Institute of Chania

Patent granted: Australia, Canada, Finland, Indonesia,
Malaysia, OAPI, USA
Patent pending: Brazil, China, EPO, Philippines



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