

PRODUCT SHEET

FSI-Forest

Flame retardants for forest & land fires

Flame Security International has, since 2012, researched, developed and patented various types of highly efficient water-based flame retardants for both offensive and defensive fire fighting. The unique feature of our flame retardant is that the treated surface remains extinguished without risk of re-ignition. FSI-Forest saves values and will greatly reduce costs as normally occurs in connection with forest and land fires and reduces unnecessary suffering for both humans and animals. FSI-Forest is designed as a defensive flame retardant, but can also be used for offensive fire fighting. All of our products are pH-neutral and controlled by the IVL Swedish Environmental Research Institute and contain no substances that are harmful to humans, animals or nature.

Product description

FSI-Forest consists of an aqueous composition free from brominated substances and Heavy metals. FSI-Forest is manufactured in Sweden by our ISO- and Environment Certified Partner Vasco AB. FSI-Forest is based on our patented FSI-Gel and has a very good ability to protect forests and fields from fire and is therefore very suitable to create firepaths and boundaries. FSI-Forest can be applied in good time before an ongoing fire reaches the area chosen to control. FSI-Forest with its low surface tension penetrates easily into the moraine and improves fireprotection. FSI-Forest works so that the agent forms a hub when subjected to heat which causes oxygen to not reach the combustible material. FSI-Forest is water soluble and dissolves by heavy and sustained rain.

Environmental impact

FSI-Forest is a pH-neutral and water-based product that has been verified and approved by IVL, Swedish Environmental Research Institute. FSI-Forest is free from brominated substances and Heavy metals. It contains no harmful substances for human, animals or nature.

Storage

Store frost-free. Storage 5 years in unbroken packaging.

Use

FSI-Forest is delivered in concentrate and is to be mixed 1 part concentrate and 7 parts water. Stir the concentrate before mixing with the water. **Important!** FSI Forest consists of salts and equipment that is used during application, should be thoroughly cleaned with water after use.

Application

FSI-Forest can be applied from a helicopter, fire-truck, heavy equipment or with light hand equipment like fire gun or ordinary watercan with spray nozzle. Approximately eight (8) liters pre-mixed flame retardants cover 15-20 sqm depending on the ground conditions in the area.

Packing

FSI-Forest is delivered in plastic containers: 25, 200 liters or 1000 liters. IBC

Storage

Store free from frost. Storage up to 5 years in unbroken packaging.

Facts

Form/appearance: Concentrate, liquid, aqueous.
Color: Transparent.

Smell: No distinctive smell in wet or dry conditions.

pH-value: 6 +/-1 in concentrated form.

Freezing point: -1 °C.

Manufactured by:

Flame Security International Europe AB.

Additional information about FSI-Forest can be obtained from SDS and Environmental documents available at our website www.flamesecurity.se or by contacting us by phone or mail as below.

Flame Security International Europe AB

PROTECTS VALUES