



Flame Security

International Europe AB

PRODUCT SHEET

FSI-Gel

Green flame retardants for house and facade fires

Flame Security International Europe AB has, since 2008, 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. FLS-Gel saves values and will greatly reduce costs as normally occurs in connection with house and facade fires.

FLS-Gel appears as a highly effective agent in an independent comparative study at the Swedish Civil Contingencies Agency (MSB) facility in Revinge (Hummelgård and Linde, degree project, LTH, 2014).

All of our products are controlled by IVL, the Swedish Environmental Institute and contain substances that are harmful for people, animals or nature.

Product description

FSI-Gel is a water-based gel composition patented SE 1230104-0. FSI-Gel attaches easily on all types of solid surfaces. Open fire extinguishes immediately and the means effectively protect against re-ignition. Surfaces treated with FSI-Gel in easy to rinse clean after extinguishing with plain water. The unique consistency allows for long throws that are often required in difficult situations. Very suitable in fire-extinguisher but also with light or heavy equipment. The agent forms a hub when subjected to heat which causes oxygen to not reach the combustible material and then becomes an effective barrier to re-ignition. FSI-Gel is manufactured in Sweden by our ISO- and Environment Certified Partner Vasco AB.

Environmental impact

FSI-Gel is a pH-neutral and water-based product that has been verified and approved by IVL, Swedish Environmental Institute. FSI-Gel 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-Gel is delivered ready for use. Can be used as both offensive and defensive flame retardants. **Important!** FSI-Gel consists of salts and equipment that is used during application, should be thoroughly cleaned with water after use.

Application

FSI-Gel can be applied with fire extinguisher heavy equipment or with light hand equipment and attaches on all types of solid surfaces.

Packing

FSI-Gel is delivered in plastic containers: 10, 25, 200 liters or 1000 liters. IBC.

Facts

Form/appearance: Fully blended, slightly yellowish.

Color: Transparent.

Smell: No distinctive odor in wet or dry conditions. pH-value: 6 +/-1 in concentrated form.

Freezing point: -1 °C

Storage: Stored frost-free in well-sealed containers.

Manufactured by: Flame Security International Europe AB

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

Flame Security International Europe AB

SAVES VALUES !