

How to use

Kilfire:

Caution: Not to be used on electrical fires.

MIXING INSTRUCTIONS FOR:-

“Kilfire A3000 Powder”

“Kilfire Bush Black Professional Liquid”

“Kilfire Aviation fluid”

“Kilfire Industrial-Field Misting System”

Steps, Hints & Examples;

“Kilfire A3000 Powder”

1. **Take** 1 x 200 gm Can of Kilfire A3000 to mix into 600 litres of water, and give a quick shake..*Note: 9 litre (3 ml) extinguisher vials can be used in 15 & 20 litre Knap-Sack sprays.*
2. Fill tank to a third full with water. Brackish water is ok, but if a salt content is present, it will lower the Performance dramatically, salt water from the ocean is a no-no, however, using salt water with **Kilfire Professional Liquid Concentrate** applied through our venturi system is effective, mainly for use at sea.
3. While the water is continuing to fill the tank, pour the kilfire powder into the incoming stream of water,
(Do not dump all the powder in solid mass from the can into water).
4. At the same time as the water is filling, recirculate the water and create an agitation to mix Kilfire.
5. Once the tank is full, Kilfire is ready to use.
 - 5a. Material can remain in tank for as long as required, it is non-toxic and non-corrosive, recirculate and agitate for a short time before reusing.

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5b. Once the mixture has been half used for example, you are able to top up without adding more kilfire powder, this mixture is still potent enough to extinguish a car fire.

5c The first original mix at 200gms to 600 litres of water is classified To be used on "A" Class fires, Not electrical, the added benefit is to be able to extinguish all other type fires such as Tyres, Shale, Engine Oil, Canola Oil, Fuel, Peat, Magnesium and underground Gas and Coal Fires. Quickly.

Best application results are accomplished by lobbing a cone shape spray on the area, this will allow greater coverage faster, at the same time the spray of the material will act as a shield from the heat for greater protection. As you move on from the treated area the flame will extinguish itself.

7. In the event of being threatened by a grass or bush fire, or to eliminate the necessity to burn back prior to an approaching fire, use the same mixture, or watered down from previous mixture and re-agitate, and use as a retardant to grass borders or tree tops, to eliminate the fire from spreading.
8. Once Kilfire has been applied, it is highly unlikely for any re-ignition to occur, illuminating mopping up.
9. The cleaning or rinsing out of hoses or pumps is not required.
10. **Not to be used on electrical fires.**

"Kilfire Bush Black Liquid"

The **One, Two and Four** Litre "**Kilfire Bush Black Kits**" have been designed for home, domestic and the hobby farmer that can be used also by the farmer and professional fire fighter by clipping onto the end of a standard garden hose, a one litre kit will last around 20 minutes allowing 700 litres of water to pass through it, it can be handled very easily by a child and with the capability of retarding or extinguishing a hay bail quickly.

A venturi system will be soon available for all Kits to adapt to home and farm reticulation systems.

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“**Kilfire Bush Black Professional Liquid**” can be adapted to existing foam systems on most fire tankers or trucks, simply by flushing the system through and filling your reservoir/supply tank from a 5, 10 or 20 litre container, with the added advantage of leaving the fluid in the system and use as required as the Kilfire fluid is non corrosive.

“**Kilfire Aviation Liquid**”

It is important to note:-

Kilfire *Aviation* has a very short shelf life of around three months. Small stocks are held but the product is manufactured on call.

Kilfire aviation Liquid contains **Zero-Drift**, a drift eliminator, and tracer, this allows air craft to regulate spaying for longer flight periods giving greater coverage with the vision of previous application or accuracy, enabling the aircraft or Helicopter to fly at higher and safer altitudes.

Method of application: Mixed in a agitated tank prior to air departure at a ratio of 2 litres to 1000 litres of water and apply at a rate of:

General Bush and Forrest fires: Apply at three Litres per square meter.

Peat and speciality fires: Are recommended at a rate of six litres per square meter.

Important note; when extinguishing Peat fires with no surface water, it is recommended that an application of ‘Trenchmaster’ prior to treatment of “Kilfire Aviation” at a rate of 20 mls into two litres of water and applied at a rate of two litres per square meter, this will encourage the kilfire aviation to sink deeper and faster and promote the cutting of oxygen.

“**Kilfire Misting System**”

Available shortly: For:

- * *Escape for trapped Attack units.*
- * *Replace existing sprinkler systems.*

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- * *Prevent water damage.*
- * *Situated on Air Runways.*
- * *Engine rooms for Industrial & Shipping.*
- * *Prevents smoke and fire in buildings.*

In what form is ***KILFIRE*** available?

All **Kilfire products** are W.A. Formulated & Manufactured, available in many different size containers to suit all size tanks, Aerial Bombers including fire extinguishers, **One, Two** and **four** Litre “**Kilfire Bush Black Kits**”. **Plus a top up for existing Foam Systems in attack units & available in 5ltr, 10Ltr & 20 ltr containers.**

What is ***Kilfire*** made from?

A food grade Acrylic Polyacrylamide, made up of Organic-Aliphatic Polymers and Acrylic polymers, originally derived from organic crude oil and made inert, the similar process is used in drinking water, Kilfire is then watered down with 3000 parts water.

If you have any questions, please don't hesitate to contact Colin Anderton.

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