

KILFIRE

Made in Australia

An all-in-one Powder or liquid to extinguish and retard fires.- Liquid fire break & mopping up.

* **Caution Important Note: Not to be used when extinguishing electrical fires**

Product Range and Information Sheet

DESCRIPTION:

Kilfire is a series of proven benign- environmentally safe products together with a wide range of products with various types of application systems and devices to suit a cross section market and present itself as a total and new concept eliminating and/or preventing fire in all areas including bush / forest, household and industry, OIL, Fuel, Overheated Tyre fires, Shale and Magnesium, Used as a retardant, it can protect fabric exteriors, dry grass-scrub and trees or most porous materials when threatened with fire.

Its success is based on a combination of cost effective powder and liquid technologies, Formulated over the past 20 years in Western Australia, and tested all over Australia, a simple application and choice of extremely high benign concentrates manufactured from a food grade product base, accepted by the NRA Canberra (Aust) as a Soil agent/Conditioner (*Not required to be registered as a chemical*) eliminates fires in seconds if not extreme fires in minutes. Decreasing huge quantities of emission/pollution into the atmosphere plus saving billions of litres of water.

***Kilfire* BENEFITS AND USE:**

Is a quick acting, low volume solution that can prevent water damage and is environmentally accepted in fragile wetlands and water ways, fragile animal life and vegetation.

- Being non-corrosive, A perfect alternative to toxic foams, which are expensive and have a high Maintenance factor.
- Quickly attacks the seat of the fire by extinguishing live fires and protecting the surrounding area by laying a retardant barrier.
- Suitable for bombing fires from the air, laying a retardant barrier over the trees and scrub, then extinguishing the defused fire if required.
- Powder and Liquid concentrate added to water can with stand very high temperatures without evaporation together with an immediate cooling effect in the target area.
- Eliminates machinery damage to forests as fire breaks are not required.
- Collectively, billions of litres are saved.

PROTECT LIFE AND ASSETS:

Kilfire Powder & Liquid has proven itself to be a shield against intense temperatures when fighting fire, using as a cone or fan-shaped flow from the pressure of the nozzle spray, the rapid knock down rate illuminates fire causing the reduction in smoke inhalation that could save the destruction of property reducing the possibility of being trapped and the result of injury or even death.

Kilfire FlameSeal Retardants: Has also proven itself as a fire retardant indoors and outdoors, a protective treatment against the threat of fire to interior Fabric Furnishings to Building Materials.

MARKET ACCEPTANCE:

Kilfire Highlights itself in all applications and sections of the community, with public and industry awareness, training and demonstrations to Fire Brigades, Voluntary Brigades, Oil Companies, Military, Farmers, Commercial and Industry Australia Wide. *Kilfire* is used and stocked by fire authorities around Australia.

ACCEPTANCES

Kilfire has been examined inspected and accepted by all authorities upon the request of the Western Australian fire Brigade; these standards are recognized world wide;

- Health Department of Western Australia
- Water corporation of Western Australia
- Waters and rivers of Western Australia
- Department of Environmental Protection Western and South Australia
- Bush lands Fire Council
- F.E.S.A. Fire Services Perth W.A.
- National Registration Authority A.C.T.

Important note; *Kilfire is in its tenth year of manufacture and continued supply to the Commercial, Industry, Government and now Retail stores, the product* has been accepted way beyond it's initial approval criteria and because of it's non chemical formulation(NRA) and above the standard of the original request of the West Australian fire Brigade, the National Registration Authority and complying to Australian Standards requirement together with many other government requirements, issued letters and statement of certification declaring "No Certificate of Chemical Registration is Required" because *Kilfire* is proven to be non-toxic and benign, it does not fall into the same category as a chemical product. No other restriction or certification is required for any person or organization to use this product *Kilfire*.

Special Note:- Kilfire concentrate watered down to the recommended application rate is considered benign, caution should be taken when animals such as Koala Bears have a sensitive diet, contact the manufacture for update information.

GOVERNMENT REQUESTS TO EXTINGUISH MAJOR FIRES:

The following examples highlight and show that *Kilfire* has been asked to assist Australian Government and their agencies to successfully eliminate fires in the following disasters when their resources were exhausted:

Parapadoo W.A.:

20-mile front: Year (2000) using *Kilfire* A-3000 Powder Western Australian fire Brigade.

Wandowie Iron Steel:

After 6 million litres of water and 5 days, *Kilfire* controlled and extinguished the fire in just 2 hours and 12 kg of *Kilfire* A-3000 Powder. Western Australian fire Brigade

GENERAL RESPONSE TO EXTINGUISH FIRES:

Many letters have been received praising the performance of *Kilfire* in all types of fires: Bush/Scrub, Car, Tire, Fuel, Oil, Canola oil plantations, Spinifex, Farmlands and structures, General house fires, Military, Magnesium and Chemical fires.

Many Metropolitan, Voluntary, Military, Mining and Industrial fire fighters around Australia have experienced the elimination of the destruction of Machinery firebreaks, Back-burning and the dangers of re-ignition,

The experience of creating a barrier of protection by using *Kilfire* as a retardant over and around assets like property and housing, by spraying *Kilfire* in front of a threatening fire or simply as a precaution in a camping or commercial welding area.

How does *Kilfire* work?

Kilfire works effectively and safely by creating a reaction that absorbs the oxygen thus cutting the fires fuel supply. *Kilfire* powder or liquid concentrate added to and expanded in the required amount of water can withstand very high temperatures without evaporation and has an immediate cooling effect in the target area. By applying *Kilfire* directly on an active fire, or to use as a retardant to contain a running fire, the result is the same, the fire has been extinguished with the benefit of no reigniting or ignition, danger, smoke and toxic fume dispersion is dramatically ceased.

Kilfire Professional 1000 Liquid is designed specifically for Fire authorities to use through existing Vein Pumps or Proportion/Venturi Systems, can also be added to the water by hand, or specially designed venturi system and is used at a rate from 0.1% to (1ltr =500,1000to 1500lts).

Kilfire New EzyMix Powders are designed to be manually mixed into the tank prior to use.

Best results are achieved by applying it in a cone spray application to the fire face with a lobbing action rather than pointing the (High Pressure) hose directly at the fire.

By using all *Kilfire* solutions the following benefits are immediately noticed;

- 1) *The material has smothered the fire, starved it of oxygen at a molecular level to prevent continuous burning.*
- 2) *Immediate cooling of the target area*
- 3) *Minimum smoke and reduced toxic fumes into the atmosphere*
- 4) *Eliminates Reigniting*
- 5) *No corrosion to pumps- unused fluid can be stored or added to ready for stand by to use again*
- 6) *A normal saving of water would be approximately 5 to 20 times the amount used*
- 7) *Safe to the environment*

ALL *KILFIRE* Powders and Liquids;

**ARE MANUFACTURED, MARKETED AND SUPPLIED IN THE NAME OF
THE- Benigntech Group.;**