



www.MyBigNano.co.za
Product Brochure



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About MyBigNano South Africa and our Products.



MyBigNano South Africa was established in 2010 with the aim to bring Nanotechnology coatings to South Africa.

Our Company was the first company in South Africa to do so by signing an exclusive territorial distributorship agreement with Nano4Life EUROPE, the global leader in Nanotechnology Coatings with Distribution in over 30 Countries and counting.

On a National Level, we offer ALL of Nano4Life's Sector Specific range and have established a Provincial operators' system. We currently have Operators in 6 of South Africa's 9 Provinces.

Internationally, **MyBigNano** is also present in Australia, Zambia and Turkey under the same System.



A South African First



In another South African First, MyBigNano Brings to you FlameOFF, the ultimate solution in Fire Protection Technology.

ARE YOU PROTECTED?

PASSIVE FIRE PROTECTION SAVES LIVES

Inquire about MBN FlameOFF





MBN FlameOff Pyro 100 for Terrestrial Fire-Breaking



Description:

FlameOff Pyro 100 is a new generation water based fire retardant for terrestrial fire-breaking use. Ideal for creating a "Fire safe-zone" around residential and commercial value properties like hotels, safari lodges and residence. Also Ideal for approaching fires. Fire approaching? Create a fire-safe zone around your assets.

Basis Of Operation:

A proprietary blend of ammoniated compounds, silica, colorants and fertilizers will allow easy application as thanks to the marking colorant, you know what area you've covered. Upon contact with open flame, MBN FlameOFF PYRO 100's compound will release CO₂ and prevent the fire from coming into contact with your safe zone.

Old and New Firebreak methods:



Traditionally, firebreaks have always been barriers created by gaps in vegetation in an effort to starve a potential fire from combustible material. This method has it's problems because it's not always possible to dig where desired and may not be as effective in the presence of high winds and pine cones that can shoot seeds many metres when heated by fires. Manual Firebreaking is also a laborious Process.

Depending on the environmental conditions, and the relative effectiveness of a given firebreak, firebreaks often have to be backed up with other firefighting efforts. Even then, it is still sometimes possible for fire to spread across a seemingly impenetrable divide. During the worst part of the fire season in southern California, strong Santa Ana winds will blow carpets of burning embers across eight-lane freeways.

By using MBN FlameOFF PYRO 100, you can create a firebreak just by spraying the vegetation well, creating an emergency barrier especially in high risk seasons. Our product has a blue colorant which is used both as a marker of what's been treated and also when you need to apply again. It can also fight fires as a direct application much better than what plain water can. It's environmentally friendly and will convert to fertilizer afterwards.

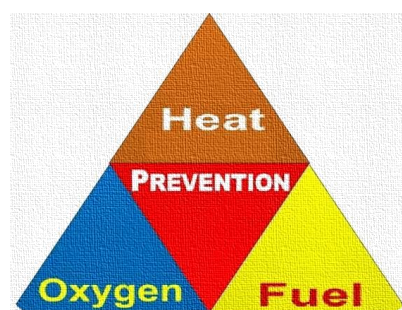
Advantages of MBN FlameOff Pyro 100:

- ✓ Kills grass fire better than water alone
- ✓ Control Fires when creating fire breaks
- ✓ Environmentally friendly and NON TOXIC
- ✓ Converts to Fertilizer
- ✓ Colour indication marker to see what area has been covered and when to reapply.
- ✓ Ideal for urban areas where normal fire-breaks may not be allowed.
- ✓ Can Fight Live Fires by direct application effectively.



Applications:

- ✓ Firebreaks in veld and Savanna.
- ✓ Around high risk areas
- ✓ During Dry seasons.
- ✓ Safari lodges and bush hotels.
- ✓ Budget friendly – 25Kgs will Produce 83 Litres.



Application Procedure and consumption:

Dilute between 250g to 750g to 1 Litre of water. No special equipment is required. Do NOT use spray equipment with copper, brass, steel or aluminium piping and/or Nozzles (use plastic equipment when possible). Rinse with water after use.



Consumption:

- ✓ 1ℓ covers 3-6m² of vegetation depending on density.

Duration and Limitations:

MBN FlameOFF Pyro 100 will withstand 2-3 rainfalls depending on intensity. Reapply when blue colour marking starts to fade. PH Level when mixed – 5,5 to 6,5.

Safety:

- Use gloves and mask when mixing outdoors or in well ventilated area.
- Wear gloves and face mask when applying.
- Avoid contact with skin and eyes. Wash off any contact with water
- Keep container tightly closed
- Keep out of reach of children

As this this product is used outside of our control we cannot be responsible for any damages.

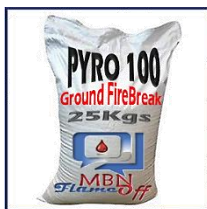
Package Handling and Storage:

Shelf Life: 3 Months when kept in recommended storage conditions and original unopened containers.

Storage: Store indoors in a dry environment between 5°C - 35°C. Protect from freezing.

Packaging:

FlameOFF Pyro 100 is available in 25 Kg bags. Inquire for different packaging.



Application Service (optional):

Don't want the hassle of buying the product and doing the application yourself, we can send out a crew to come and do it for you.

Price: Inquire for Quotation