



TECHNICAL DATA SHEET

FIREBLOCK AGRI

PRODUCT GROUP:

Polymer Compound

PRODUCT AND ADDITIVES

Potassium polyacrylate	Aluminium Oxide
Montmorillonite	Iron Oxide
Quartz	Sodium Oxide
Mica	Potassium Oxide
Silicon Dioxide	Calcium Oxide
Magnesium Oxide	

PRODUCT DESCRIPTION

FIREBLOCK AGRI is a fire retardant supplied in a powder form to be mixed with water, for the use of the fighting and controlling of class A fires through safe and nontoxic chemical means. FIREBLOCK AGRI is polymer based product with high bonding properties so that it will stick to surfaces protecting them from fire.

PRODUCT BENEFITS

Burning of Firebreaks
Fighting of CLASS A Fires and Wildfires
Protecting of Property against the risk of fires.
Use in irrigation systems to stop fires.
Stops embers from reigniting.
Protects Hay bales from self-igniting

TYPICAL APPLICATIONS

Sprayed on existing fires to stop the fire in its path.
Sprayed on burnt ground to prevent reigniting of embers.
Sprayed on homes and shelters before a fire to stop your home and shelter from burning.
Used in the burning of fire breaks.
Sprayed on Hay bales to stop self-igniting.

SUITABLE SURFACES TO SPRAY

All natural and synthetic materials can be safely sprayed.

SHELF LIFE

FIREBLOCK AGRI is hygroscopic and absorbs moisture. Keep sealed and store in a cool dry place
Correct storage results in product having an unlimited shelf life.

PHYSICAL PROPERTIES

Odourless, beige colour powder

HEALTH AND SAFETY

Safe and nontoxic to use
Wash with large quantities of water if ingested or have contact to eyes or skin.
See MATERIAL SAFETY DATA SHEET

PACKAGING

FIREBLOCK AGRI is available in the following packing:
40 x 100g sachets boxed
1 x 2.5kg resealable bag.

MIXTURE:

100g sachet is mixed in 20l of water.
2.5kg bag mixed in 600l of water (or with a consistency of 1kg to 240l of water)

APPLICATION:

Spray mixture on with a spray i.e. spray bottle, spray on fire backpack or the spray on a bakkie fire fighting unit.
Apply 1 even coat over the area to protect from burning.
With strong fires that you are putting out a thicker layer is required.

FILM THICKNESS

We recommend an application of 10-15 m² per litre.

THEORETICAL COVERAGE

10m²

CLEANING OF EQUIPMENT

Clean spray and container with water after use

CLEANING OF ITEMS SPRAYED

Spray clean water on to any item sprayed with FIREBLOCK AGRI that you wish to remove the gel from.

OTHER INFORMATION

DATA ARE TYPICAL OF OUR NORMAL PRODUCTION AND ARE SUBJECT TO NORMAL VARIATION. THEY SHOULD NOT BE TAKEN AS A BINDING SPECIFICATION.