



## 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 m<sup>2</sup> per litre.

#### THEORETICAL COVERAGE

10m<sup>2</sup>

#### 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.