



## HydroBarrier DRY MIX v1.0 – Product Specification Sheet

### Product Description:

HydroBarrier is a dry wildfire defense mix that forms a protective gel or foam barrier when combined with water. It is designed for fast, accessible deployment around homes, structures, and vegetation.

### Ingredients:

- Sodium bicarbonate
- Potassium bicarbonate
- Monoammonium phosphate
- Superabsorbent polymer
- Cocamidopropyl betaine (powder)
- Cornstarch

### Appearance:

- Dry: Fine white-beige powder blend
- Mixed: Expands into a viscous, clinging foam or gel depending on water volume and agitation

### Application Method:

- Mix with 2–3 liters of clean water per pouch (500g) in a clean 5-gallon bucket
- Stir for 30–60 seconds until uniform. Apply immediately using a brush, sprayer, or by hand.

### Coverage:

- One 500g pouch provides coverage for approximately 15–25 square feet, depending on surface texture and desired thickness.

### Packaging:

- 500g inner pouches, shipped individually or in 5-gallon bucket kits

### Storage & Shelf Life:

- Store sealed in a dry, cool place out of sunlight
- For best results, use within 12 months. Mix may remain effective for up to 36 months if sealed and stored properly.

### Safety & Caution:

- Not for human or animal consumption
- Avoid contact with eyes; rinse thoroughly if contact occurs
- Keep out of reach of children

### Manufacturer:

EmberWatch Foundation – Agoura Hills, CA

Website: [www.emberwatch.org](http://www.emberwatch.org) Email: [info@emberwatch.org](mailto:info@emberwatch.org)