

## Phos-Chek® WD881 Class A Foam Concentrate

### Performance:



Phos-Chek WD881 Class A Foam Concentrate is specifically formulated to make water more effective. The unique combination of surfactants in WD881 significantly reduces water's surface tension, creates a superior foam blanket when mixed with air that surrounds fuels with a thick layer of water, creates a barrier between the fuel and the fire, allows fire fighters to see application areas and knocks down fire faster than water alone.

WD881 is fully tested and approved by the USDA Forest Service for use in multi and single-engine fixed-wing airtankers, fixed-wing water scoopers, helicopters equipped with buckets and fixed tanks, and ground engines. WD881 is the only Class A Foam concentrate available that in addition to its USDA Forest Service approval, is a U/L listed Wetting Agent at a concentration of only 0.25% and contains NO HAZARDOUS MATERIALS. It is readily biodegradable and has no flash point making it safe to use near open flames and other ignition sources. WD881 is unaffected by freeze/thaw giving it unlimited shelf life.

WD881 is highly effective for fighting all types of Class A fires when mixed with water at a ratio of 0.1% to 1.0%. It has proven its effectiveness in all application methods including Compressed Air Foam Systems (CAFS). It is an ideal tool for control of prescribed burning.

### Use Levels:

**Direct Attack:** 0.3% to 0.5%

**Mop Up/Overhaul:** 0.2% to 0.4%

**Exposure Protection:** 1.0%

**Brush (pre-treatment):** 0.7% to 1.0%

### Typical Properties:

**Appearance/Odor:** Tan liquid with a hint of orange blossom

**Viscosity:** 50 centipoise @ 75° F (24°C)  
150 centipoise @ 40° F (4°C)  
450 centipoise @ 32° F (0C)

**Density:** 8.53 lbs per gallon (1.029kg/liter)

**pH:** 7.0 to 8.0; typically 7.5

### Packaging:

Phos-Chek WD881 is available in bulk trucks, 260 and 330 gallon semi-bulk tote bins, 30 and 55 gallon drums, 5 gallon jerry cans, and 4oz bottles



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### Handling Precautions:

FOR DETAILED SAFETY INFORMATION PLEASE REFER TO THE MSDS

WD881 CONCENTRATE IS SEVERELY IRRITATING TO EYES AND MODERATELY IRRITATING TO SKIN. PROLONGED OR REPEATED CONTACT WITH THE CONCENTRATE MAY PRODUCE SKIN IRRITATION AND INHALATION OF ITS MISTS MAY IRRITATE THE LINING OF THE NOSE AND THROAT.

**EYE PROTECTION:** Recommended when handling concentrate. If in the eyes, flush immediately with water.

**SKIN PROTECTION:** Wear protective gloves when handling concentrate. Exposed skin should be washed as soon as possible.

**RESPIRATORY PROTECTION:** None required.

**OTHER PRECAUTIONS:** Keep container closed. Use with adequate ventilation

THESE PRECAUTIONS AND PRACTICES ARE SIMILAR TO THOSE USED WITH ANY HEAVY DUTY DETERGENT.

WATER SOLUTIONS OF WD881 AT USE LEVELS (0.1% TO 1.0%) ARE ONLY SLIGHTLY IRRITATING BUT SHOULD BE WASHED FROM THE SKIN AS SOON AS PRACTICAL AS DRYING AND CHAPPING COULD RESULT FROM PROLONGED EXPOSURE.

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