

## **PRODUCT DESCRIPTION**

DAP-2N is an ultrahigh molecular weight hydroxyethylcellulose (HEC). It has been manufactured specifically for use as a viscosifier in water based fluids. DAP-2N will viscosify clear brine fluids ranging from 9 lb/gal sodium chloride (NaCl) to high weight calcium and/or zinc bromide mixtures. DAP-2N is dispersible and can be added rapidly to the base fluid without lumping. DAP-2N gels are clear and essentially residue free.

## **RECOMMENDED APPLICATION**

DAP-2N is designed for batch mixed gels with continuous circulation. Add DAP-2N through the hopper. DAP-2N is typically used at 1.0 – 2.5 ppb. The table below can be used to determine the amount of DAP-2N required for a particular viscosity, in water.

<u>DAP-2N, ppb</u>	<u>0.4</u>	<u>1.0</u>	<u>1.5</u>	<u>2.0</u>	<u>2.5</u>
Viscosity, cP*	5	20	35	52	83

\*as measured using a Fann Model 35A 300RPM

## **COMPATIBILITY**

DAP-2N is nonionic. It is compatible with most additives.

## **TYPICAL PHYSICAL PROPERTIES**

Form:	Powder
Chemical Family:	Cellulose
Color:	Off-white
Solubility:	Forms a gel in water
Odor:	Mild
Bulk Density.:	44 lb/ft <sup>3</sup>
Charge:	Nonionic
Flash Point:	None

## **HANDLING/STORAGE**

Store in a dry location. Opened bags should be tightly resealed. DAP-2N is non-toxic and virtually harmless. The dust may be irritating to the eyes and nose. A paper dust mask, safety glasses and cloth gloves are recommended during handling. Refer to the Material Safety Data Sheet (MSDS) for handling and hazard data.

## **PACKAGING**

DAP-2N is packaged in 50 lb bags, 40 bags per pallet, 2,000 lb per pallet, stretch wrapped.