
PRODUCT DESCRIPTION

DAP-3C is a high molecular weight cationic polymer that is our most versatile friction reducer. It is highly effective in freshwater and brines. The cationic nature of DAP-3C makes it the ideal polymer for use due to its compatibility with inhibitors. DAP-3C promotes laminar flow of the fluid at or near the pipe wall, thereby reducing or entirely eliminating turbulent flow. An increase in the laminar flow characteristics of the fluid produces a decrease in the pumping or “friction” pressure.

RECOMMENDED APPLICATION

Prior to use stir the container to ensure best results. Over time the product may settle out in the container. This is normal and does not affect product quality. Simply mechanically agitate to redisperse. Do not air stir as the moisture in the air will hydrate the polymer prematurely and a very viscous or semi-solid mass will result. It may be applied at temperatures up to 300°F. May be batch mixed or added directly on the fly. In fresh water and brines the normal use rate is 0.1 to 0.4 ppb. In acids the normal use rate varies from 0.2 to 0.7 ppb.

COMPATIBILITY

DAP-3C is cationic and compatible with cationic and nonionic additives. It should not be used with anionic additives without prior compatibility testing and confirmation.

TYPICAL PHYSICAL PROPERTIES

Form:	Liquid
Chemical Family:	Synthetic Polymer
Color:	Off-white, opaque
Solubility:	Water, brine, and acid
Odor:	Hydrocarbon
Wt. per Gal.:	8.68 lb
Charge:	Cationic
Flash Point:	>200°F (93.3°C)

HANDLING/STORAGE

Store away from heat sparks and open flame. Keep container tightly sealed to prevent evaporation, contamination, and explosion hazards. Use only with adequate ventilation. Promptly remove any spilled material as it is extremely slippery, especially when wet. Rinse spill with copious amounts of water. It can cause eye, skin and respiratory tract irritation by contact. Do not breathe vapors, especially in a confined area. Recommend use of chemical splash goggles and rubber gloves during handling. Refer to the Material Safety Data Sheet (MSDS) for handling and hazard data.

PACKAGING

DAP-3C is shipped in 55 gallon drums and 330 gallon tote tanks.