

CL-141

BORATE CROSS-LINKER

Description

CL-141 is an easy to use liquid borate cross-linker that contains 0.63 lbs. of B₂O₃ per gallon. Because CL-141 is a freeze protected liquid, it is much easier to use than conventional dry powdered borate products. CL-141 can be metered more precisely than powders, maximizing gel performance. It can be used at temperatures up to 300⁰ F (148.9°C).

Properties

Form: Liquid	Chemical Family: Borate Salt
Color: Colorless	Solubility: Water
Odor: Mild	Wt. per Gal.: 9.28 lbs.
Charge: Inorganic Salt	Flash Point: >200° F (>93.3°C)

Application

It is strongly recommended that a cross-link test be performed prior to field application using the water and all materials that will be employed in the actual job. CL-141 should be added on the fly to the pre-buffered gel. CL-141 may be used at temperatures up to 300⁰ F (148.9°C). Typical use rate ranges from 1.5 – 2.5 gal/Mgal for 30 – 40 lb/Mgal GA-40W or GA-41W gels.

Compatibility

CL-141 is compatible with all commonly used additives. Gels made with CL-141 can be broken using LEB-4, DEB, GB-102, GB-120 and GB-121.

Handling/Storage

Keep container tightly sealed when not in use. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wear rubber or neoprene gloves, apron and chemical splash goggles while handling. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging

CL-141 is available in 55 gallon drums or 330 gallon totes.