

GA-41W

GELLING AGENT

Description

GA-41W is a liquid version of our GA-40W Premium Grade guar gum. It contains 4.0 lbs. of guar per gallon. GA-41W will not lump or “fish-eye” and can be added rapidly to the water or KCl base fluid. GA-41W hydrates very rapidly upon addition to the base fluid. GA-41W does not contain an internal enzyme breaker.

Properties

Form: Liquid	Chemical Family: Galactomannan
Color: Light Tan	Solubility: Forms a gel in water
Odor: Mild	Wt. per Gal.: 8.58 lbs.
Charge: Nonionic	Flash Point: 177 ⁰ F (80.5°C)

Application

GA-41W is designed for continuous mix fracturing applications or, can be batch mixed as well if desired. GA-41W contains 4.0 lbs. of regular guar in every gallon of product. GA-41W may be cross-linked with several of CESI Chemicals’ CL series of cross-linkers. The table below can be used to determine the amount of gel required to achieve a particular viscosity.

GA-41W, gal/Mgal	<u>2.5</u>	<u>5.0</u>	<u>7.5</u>	<u>10.0</u>
Viscosity, cP*	6.0	12.0	23.0	39.0

*as measured using a Fann Model 35A

Compatibility

GA-41W is nonionic and is compatible with all known frac fluid systems and additives.

Handling/Storage

GA-41W is a combustible liquid. Store away from heat, sparks and open flames. Keep containers tightly sealed. Provide ventilation during use. Vapors may be irritating to the eyes and nose. Wear splash goggles and impervious gloves. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging

GA-41W is available in 55 gallon drums, 330 gallon totes or bulk.