

CALCIUM CHLORIDE POWDER

MULTIUSE NEUTRAL SALT SOLUTION

Calcium Chloride Powder is used as an inhibitor to control active shale and clay dispersion. It can be used in polymer mud to minimize the formation of gas hydrates.

Calcium Chloride Powder can be used to formulate fluid systems when formation pressures call for densities ranging from 8.4 to 11.8 lb/gal. **Calcium Chloride** is also applicable when the inhibitive properties of a calcium fluid are required to prevent the hydration and migration of swelling clays.

Calcium Chloride can be used to retard the dissolution of massive salt sections and salt stringers. It can also be used to balance the activity of the water phase in oil mud as well as weighting material.

In some applications, **Calcium Chloride** is also used as a bridging agent for lost circulation in saturated salt systems. **Calcium Chloride** fluids can be formulated with various crystallization points and are available for special applications and winter use.

PHYSICAL PROPERTIES:

Appearance: White/off white powder
Specific Gravity: 2.2
Boiling Point: 1670°C
Melting Point: 772°C

CHEMICAL PROPERTIES:

Type: Calcium chloride
Solubility: 60% in water
pH: 8.0-9.0 (35% solution)

MIXING & HANDLING

Calcium Chloride Powder is extremely corrosive. Utilize normal precautions for employee protection when handling chemical products. Use of appropriate respirator, gloves, goggles, and apron is recommended for employee comfort and protection.

WHMIS: Controlled (see SDS)

TDG: Not regulated

Packaging: 80lb sack

