

GYPSUM

CALCIUM SOURCE

GYPSUM or **Calcium Sulfate ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)**, is used as a source of Calcium in mud systems.

FEATURES AND BENEFITS:

- Used for clear-water drilling, often used in conjunction with Calcium Nitrate (Envirofloc) in a 2:1 ratio.
- Used for “Gyp-based muds”. “Gyp” muds are used in specific applications to drill thick sections of anhydrite or cement.
- Used to treat systems which have been over-treated with Soda Ash.

RECOMMENDED TREATMENT:

Clear-water Drilling: 1.0-3.0 kg/m³ (typically)
Gyp-based Muds: 3.0-6.0 kg.m³ (typically)

PHYSICAL PROPERTIES:

Appearance:	Light grey powder; odourless
Specific Gravity:	2.96
Bulk Density (powder):	1272 kg/m ³
Bulk Density (granular):	1096 kg/m ³
Solubility:	Insoluble

MIXING/HANDLING:

Mix directly through the hopper. Refer to the SDS for specific precautions and handling requirements.

MICROTOX: TBD

PACKAGING: 25 kg bag / 54 bags/pallet