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Apafeed petrochemical trading LLC

**NISOC SPECIFICATION
DRILLING FLUIDS PRODUCT DATA**

CALCIUM CHLORIDE (G)

Product Description :

Is an inorganic salt in granular shape with chemical formulation , CaCl_2 is used in preparation of oil base muds to prevent clay swelling and Non solid work over fluid saturated CaCl_2 water Base polymer muds, . It is Soluble in water and alcohol .

Application:

- Increasing density.
- Weighting material.
- Shale inhibition .
- Work over and completion fluid .
- Water base polymer mud.

Typical Physical Properties :

<i>Requirements</i>	<i>Unit</i>	<i>Specification</i>
Purity as CaCl_2	Wt %	77 min
pH	-	7 min
Moisture content	%	4 ± 1
Water insoluble solids	%	3 max
Residue on ASTM sieve 3/8 in.	%	0
Residue on ASTM sieve No. 40 (Mesh 39)	%	80 ± 10
Sp. Gr. (280 gr CaCl_2 in 350ml. water)	PCF	83.5 min
Sedimentation of insoluble solids in saturated solution	Vol %	0

Calcium chloride (G) Continue :

Recommended Treatment:

It depends on drilling fluid desirable specific gravity.

Source :

KPA

Packaging :

25 Kg PP, PE Laminated , waterproof bags.
Marked on : *Name of manufacturer, Batch No. and Production date.*

Safety Handling:

- Low – toxicity , in case of skin contact wash with water.
- Use dust mask , goggles and gloves during usage .
- Keep in dry, sheltered and shady place .

