



Date: .....

No: .....

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Apafeed petrochemical trading LLC

NISOC SPECIFICATION  
DRILLING FLUIDS PRODUCT DATA

**POTASSIUM CHLORIDE**

**Product Description :**

Also known as Potash muriate , is an inorganic salt with chemical formulation as KCl and is used in water base muds and completion fluids to prevent water sensitive formation against clay damage .

**Application:**

- Increasing density.
- Weighting material.
- Soluble in water.
- Shale inhibition .
- Work over and completion material .

**Typical Physical Properties :**

Requirements	Unit	Specification
Specific gravity	-	1.99
Purity	Wt %	95 min
pH	-	7 min
Moisture content	%	4 ± 1
Water insoluble solids	%	3 max
Passed through ASTM sieve No. 10 (mesh 9)	%	95 ± 5
Passed through ASTM sieve No. 14 (mesh 12)	%	90 ± 5

*Potassium Chloride Continue :*

**Recommended Treatment:**

Add 5 – 10 lb/bbl .

**Source :**

KPA

**Packaging :**

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

**Safety Handling:**

- Low – toxicity , Non – combustible .
- Use dust mask , goggles and gloves during usage .
- Keep in dry and sheltered place.