



# PT TIMURAYA TUNGGAL

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## Product Information Sheet | PIS | Calcium Chloride



### Description and Application

Calcium Chloride ( $\text{CaCl}_2$ ) forms a neutral salt solution in water. The product is available in powder, granules and flakes form and ranges in purity from 73 to 98% by weight.

Calcium Chloride is added to water to provide the desired specific gravity or chloride content.

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### Features and Benefits

- Very soluble and capable of increasing the density of water to 11.6 lb/gal (.4 kg/i)
- Source of calcium in calcium inhibitive systems.
- Effective in providing high chloride ion concentration levels in the aqueous phase of oil mud for balance-activity mud system for maximum shale stability.

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### Recommended Treatment

Drilling conditions and mud requirements dictate concentration levels.

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### Typical Physical & Chemical Properties

Appearance	Grey to white flakes, granules or powder
Hygroscopic	Yes
Solubility in water	75 g/100 m <sup>3</sup> at 60 °F (20 °C)

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### Environmental, Safety Handling, and Shipping Reference

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. Calcium chloride is non-toxic and is harmless in the marine ecosystem. Calcium chloride does not have a restricted classification for transportation by the international or domestic regulatory agencies.

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### Packaging

Calcium Chloride is packaged in 25 kg moisture – proof multi-wall bags

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