

**General Description** **United Nanotech Products Ltd.** has developed a wet chemical approach to produce aqueous based dicalcium phosphate. The product acts as a direct replacement of commercial powder dicalcium phosphate at a lower dosage.

**Composition** **UN-CalPro** is described chemically as a combination of nano- and sub-micron- size particles of dicalcium phosphate.

**Typical Properties** **UN-CalPro** has the following typical properties:

Property	Analysis
Appearance	Aqueous paste
Colour	Ash
Odour	Nil
Dispersibility (Water)	Y
Specific gravity	1.2 – 1.3
Viscosity (40% dilution in water) B4/30°C	~ 11.5 s
Particle size	100 – 400 nm
Solid content	~ 50%

**Usage** Depending on the formulation, 50% **UN-CalPro** to be used as compared to commercially available conventional DCP.

**Application** The product should be mixed properly during feed processing.

**Storage Conditions** **UN-CalPro** should be stored at temperatures within the range 5-55°C. Storage conditions should also be in conformance with applicable legal, fire and insurance regulations.

**Shelf Life** Under correct storage conditions the normal shelf life for this product is 12 months.

**Safety Data Sheet** MSDS is available upon request.