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## **N-(n-butyl)-thiophosphoric triamide (NBPT)**

Formula: C<sub>4</sub>H<sub>14</sub>N<sub>3</sub>PS  
CAS : 94317-64-3

### **Physical Properties**

Appearance and Properties:	White Crystal Solid
Density:	1.171 g/cm <sup>3</sup>
Melting point:	58-60 °C
Boiling point:	277.4 °C at 760 mmHg
Flash point:	96 °C
Refractive index:	1.548
Water solubility:	4.3 g/L at 25° C
Storage condition:	Store at dry & ventilated place at low temperature

### **Specifications**

Appearance:	White to off-white crystalline solids
Melting range (°C)	56-60
Loss on drying(%)	1.0max
Purity (HPLC,%)	97min

### **Packing**

25kgs fibre drum,500kgs bag

### **Application**

As an important activity inhibitor of urokinase, this product is used as a nitrogen fertilizer based on urea, an efficiency stabilizer, to improve fertilizer efficiency, reduce dosage, and prevent the loss of ammonia nitrogen. It is also used as a beverage additive.