

1,3,6-Hexanetricarbonitrile (HTN)

Catlog Number: BMBSA-0042

• Description

A multinitrile additive that forms a stable complex with transition metal ions, protecting the anode from poisoning and improving high-temp storage.

• Basic Information

Physical Form: Light Yellow Liquid

Purity (%): ≥ 98.0

Moisture Content (ppm): ≤ 50

Density (g/cm³): 1.03

Melting Point (°C): -30

Boiling Point (°C): 320

Solubility in Electrolyte: Good

Electrochemical Window (V): 0-4.8

Acid Content (ppm): ≤ 50

Flash Point (°C): 185

Viscosity (mPa·s): 15.2

Particle Size (D50): N/A

Surface Area (m²/g): N/A

pH Value: 6.0-7.5

Solid Content (%): 100

Metal Impurities (ppm): ≤ 5

Chloride Content (ppm): ≤ 10

Sulfate Content (ppm): ≤ 10

Recommended Dosage (wt%): 1.0-3.0

Main Function: Metal Ion Sequestration

Application Phase: Electrolyte Mixing

Storage Temperature (°C): 15-25

Shelf Life (Months): 12

 For Research or Industrial Raw Materials, Not For Personal Medical Use!