

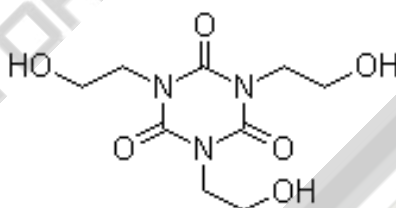
TECHNICAL DATA SHEET

NAME OF COMMODITY: 1,3,5-Tris(2-Hydroxyethyl)Cyanuric Acid (THEIC)

CAS NO.: 839-90-7

MOLECULAR FORMULA: C₉H₁₅N₃O₆

MOLECULAR WEIGHT: 261.23



STRUCTURE FORMULA:

TESTS	SPECIFICATIONS
Appearance	White Powder Or Granular
Melting Point	133.5-137.5 °C
Hydroxy Value	640+/-10 mg/KOH/g
Acidity	1.0 mgKOH/g Max
pH Value 10% Water Solution @ 20°C	6.5-7.5
Copper	15 ppm Max
Iron	15 ppm Max
Turbidity 10% Water Solution	1.0 NTU Max
Water	0.5% Max

APPLICATIONS:

THEIC is used as an important raw material for the production of heat-resistant wire enamels and surface coatings with extremely good mechanical properties. It is used in diverse polymeric applications such as polyurethanes, water-base enamels and unsaturated polyester resins. THEIC is also used as organic intermediates for insecticides, plasticizing agents, dyestuffs and pharmaceuticals, etc.

PACKING: net 25kg bags; 16mt/20'fcl palletized