Technical Data Sheet

Ammonium hexachlororuthenate(IV)

CAS No.	18746-63-9
Formula	[(Nh4)2RuCl6]
Molar Mass (gm/mol)	349.87
Grade	RM HC 385
Appearance	Red brown powder
Metal Content	28.5 % to 29.5%
Melting Point (°C)	>380°C (decomposes)

Storage Condition

- Store in a tightly, dark closed container under inert gas at ambient temperature.

Application

- Used to develop conductive polymers and nanomaterials for electronics and energy storage devices, Utilized in microwave calcination processes to produce high-purity, micro-spherical ruthenium particles for industrial applications, such as sputtering targets.