Technical Data Sheet

Platinum(IV) chloride

CAS No.	13454-96-1
Formula	$PtCl_4$
Molar Mass (gm/mol)	336.89
Grade	RM HC 225
Appearance	Yellowish-brown solid
Metal Content	57.5%
Melting Point (°C)	370°C

Storage Condition

- Store in a tightly closed container at ambient temperature.

Application

- Platinum(II) chloride is used as a catalyst for a variety of C-C bond, C-O bond, and C-N bond formation reactions. It acts as a precursor to prepare other platinum compounds such as cisplatin and dichloro(cycloocta-1,5-diene)platinum(II)
- Used to make cisplatin, which has special effects on ovarian cancer and testicular cancer.