Technical Data Sheet

Tris(Triphenylphosphine)rhodium(I)chloride (Wilkinson's Catalyst)

CAS No.	14694-95-2
Formula	$Rh(PPh_3)_3Cl$
Molar Mass (gm/mol)	925.21
Grade	RM HC 456
Appearance	redish brown to maroon crystalline amorphous powder
Metal Content	10.5%-11.5%
Melting Point (°C)	245-250°C

Storage Condition

- Store in a tightly closed container at ambient temperature.

Application

- Trimethylsilylation of Alcohols using TMS Reagents, Hydrogenation,Chemoselective allylic alkylations.
- Stoichiometric activation of Si-H bonds and hydrosilylations.
- Inter- and intramolecular hydroacylation of alkenes along with a cocatalyst.
- Polymerization of diorganostannanes.