

Technical data sheet

Rhodium

Tris(triphenylphosphine)rhodium(I) chloride (Wilkinson's catalyst)

Formula	$\text{Rh}(\text{PPh}_3)_3\text{Cl}$
CAS No.	14694-95-2
Grade	RM HC 456
Description	redish brown to maroon crystalline amorphous powder
Metal content	10.5%-11.5%
Molar Mass (g/Mol)	925.21
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.