

Technical data sheet

Rhodium

Rh (III) Chloride

Formula	RhCl_3
CAS No.	10049-07-7
Grade	RM HC 438
Description	reddish brown to dark red crystalline powder
Metal content	38%-40%
Molar Mass (g/Mol)	209.26
Melting Point (°C)	450°C

Storage Condition

Store in a tightly closed container at ambient temperature.

Application

Rhodium(III) Chloride is a prized catalyst in organic synthesis facilitating reactions such as hydrogenation, carbonylation, and C-C bond formation.

It's a principal component in hydroformylation reactions, promoting the addition of a carbonyl group to an alkene and subsequently leading to aldehyde creation.