Technical Data Sheet

Rhodium Trichloride Anhydrous

CAS No.	10049-07-7
Formula	$RhCl_3$
Molar Mass (gm/mol)	209.26
Grade	RM HC 438
Appearance	reddish brown to dark red crystalline powder
Metal Content	48.2%-49.2%
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