Technical Data Sheet

Rhodium(III) acetylacetonate

CAS No.	14284-92-5
Formula	$Rh(acac)_3$
Molar Mass (gm/mol)	400.23
Grade	RM HC 4103
Appearance	Yellow to Orange
Metal Content	24.5% to 25.5%
Melting Point (°C)	263° -264°

Storage Condition

- Store in a tightly closed container at ambient temperature.

Application

- Rhodium(III) 2,4-pentanedionate is useful for hydrosilylation of a variety
- of organic substrates like alkenes, terminal or internal acetylenes, conjugated dienes, alpha, beta -unsaturated aldehydes and allylic
- compounds. It performs the role of a catalyst in well-known reactions such as transformation processes including hydrogenation,
- ethanol steam reforming, CO oxidation, and NOx reduction.