# Technical Data Sheet

## Ruthenium Trichloride Hydrate

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|---|---|
| **CAS No.** | 14898-67-0 |
| **Formula** | $RuCl_3 \cdot xH_2O$. |
| **Molar Mass (gm/mol)** | 207.43 (anhydrous basis) |
| **Grade** | RM HC 396 |
| **Appearance** | blackish red crystalline powder |
| **Metal Content** | 38.0%-45.0% |
| **Melting Point (°C)** | 100°C |

### Storage Condition

- Store in a tightly closed container at ambient temperature.

### Application

- Precursor for the hydroamidation of terminalalkynes, For the oxidation of thioethers to sulfones.