

# Technical Data Sheet



## BASIC CHROMIC CHLORIDE POWDER

Chromic Chloride is used as an intermediate in the manufacture of chromium compounds, vapor chromium plating, waterproofing compounds, as a mordant in textile dyeing, and as a cross linking agent.

### Product Properties

**FORMULA:**  $\text{Cr}_5(\text{OH})_6\text{Cl}_9 \cdot \text{XH}_2\text{O}$

**CAS NUMBER:** 50925-66-1

**TYPICAL ANALYSIS:**

Trivalent Chrome	Cr(III)	29.0 – 33.0%
Chloride	Cl	33 – 39%
H <sub>2</sub> O Insolubles		0.25% Max
Hexavalent Chrome	Cr(VI)	None Detected <0.0001%
Basicity*		33 – 43%

Basicity - Percent of charge on chrome displaced by hydroxyl ion.

**FORM:** Green Powder

### Packaging and Product Information

**STANDARD PACKAGE:** 150 pound fiber drum; 4 per pallet  
225 pound plastic drum; 4 per pallet

**PART NUMBER:** 35200

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