

**NS6130-05-507**

## Quick Facts

Product	:	Cobalt Oxide Powder
Stock No	:	NS6130-05-507
CAS	:	1308-06-1
Molecular Formula	:	Co <sub>3</sub> O <sub>4</sub>
Form	:	Powder
Color	:	Black

## Technical Specification

Molecular Weight	Density	Melting Point	APS
240.8 g/mol	6.11 g/cm <sup>3</sup>	895°C	40-50µm

Cobalt(II,III) oxide is an inorganic compound with the formula Co<sub>3</sub>O<sub>4</sub>. Cobalt(II,III) oxide is used as a blue coloring agent for pottery enamel and glass, as an alternative to cobalt(II) oxide. Cobalt(II,III) oxide is used as an electrode in some lithium-ion batteries, possibly in the form of cobalt oxide nanoparticles.

## Applications:

- As an electrode active materials
- For glass, porcelain colorants and pigments
- Chemical industry oxidants
- Senior goggles and other filter materials
- In enamels, grinding wheels, and solar energy absorbers
- In micro-electronics
- In catalysis, superconductors, electronic ceramics
- In temperature and gas sensors
- In electrochromic devices

# COBALT OXIDE Powder

**Purity**  
99.9%

# Speciality CHEMICALS



**Co<sub>3</sub>O<sub>4</sub>**  
APS 40-50µm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

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