

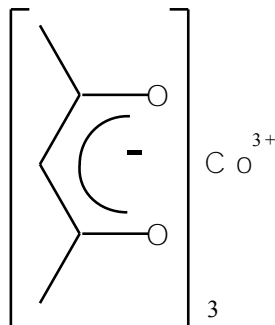
Technical Data

Mackenzie Company

METAL ACETYLACETONATES

MacKenzie Company 78015 Chemical Road Bush, Louisiana 70431 Tel: (985)-886-2000 Fax: (985)-886-2174
Email Address: mlapari@mackenziechem.com

COBALTIC ACETYLACETONATE



Tris -(2,4-Pentanedionato) Cobalt (III)

PHYSICAL PROPERTIES

Form and Appearance: Dark Green to Black
Crystalline powder

Molecular Weight: 356.2

Melting Point: 237 - 242° C

Solubility: g/100 ml solvent
Benzene: 10.4 @ 25°C
Methanol: Soluble, hot
Water: 0.3 @ 30°C
Acetone: Sl. Soluble hot
Xylene: 1.7 @ 30°C
Heptane: Sl. Soluble @ 30°C

CHEMICAL COMPOSITION

| | |
|----------|---------|
| Cobalt | 16.50 % |
| Carbon | 50.60 % |
| Hydrogen | 5.90 % |
| Oxygen | 27.00 % |

SUGGESTED USES

Coloring for synthetic resins
Glass coating
Catalyst for wide range of applications
Combustion catalyst
Moderating catalyst for solid propellants
Paint dryer
Pigment
Intermediate for synthesis

AVAILABILITY

Cobaltic Acetylacetonate is available in commercial quantities in 30 gallon fiber drums

CAS NUMBER

21679-46-9

SPECIFICATIONS

Toluene insolubles: 0.30 (wt) % Max
Melting point, °C: 213 Min
Volatiles: 0.30 (wt) % Max

