

## COBALT NAPHTHENATE

## Technical Datasheet

Chemical Name	COBALT NAPHTHENATE		
Grade Name	COBALT NAPHTHENATE		
CAS No.	61789-51-3		
EINECS No.	263-064-0		
Molecular Formula	C <sub>22</sub> H <sub>16</sub> CoO <sub>4</sub>		
Synonyms	<ul style="list-style-type: none"> <li>• naphtenatedecobalt</li> <li>• naftolite</li> </ul>		
TEST	SPECIFICATION	METHOD	
Appearance	Purple Brown Granules	Visual	
Cobalt content	9.5-10.5%	AAS	
Loss On Drying	Max 1.5%	Oven Drying at 105 Deg C	
Insoluble substance	Heptane : Max 0.2%	AAS	
IR Spectrum analysis	Comparable	IR Spectroscopy	
Acidity/ Alkalinity	Min 80 mgKOH/g	Titration	
Purity by GC	Min 80%	GC	
Softening Point	1.5 Deg C	Ring ball test	

### Product Information:

- Cobalt naphthenate is used as a drying agent in paints, varnishes; inks, and for curing plastics.
- This product is used to improve the adhesion of rubber and steel wire ( copper plating, galvanized steel, and bare steel wire ).
- It is mainly used in the wirecord fabric of radial tires and tire bead steel wire glue of bias tires, and can also be used in steel wire reinforced conveyer belts, steel wire braiding and other rubber.
- It can not only be used alone, but also can be used in conjunction with the resorcinol-formaldehyde-silica' system or other composite systems.
- It is suitable for being used as a rapid release agent in the paint and ink industries, as a catalyst in the organic synthesis industry and as a raw material of synthetic adhesive in the rubber products industry.

### Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

**Product Registration:** Cobalt Naphthenate is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration Department Of Health And Human Services

Subchapter: B - Food For Human Consumption (Continued)

Part: 181- Prior-sanctioned food ingredients

Subpart: B - Specific Prior-Sanctioned Food Ingredients

Section: 181.25 - Driers.

**Product Disclaimer**

**Important :** This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.