



## **SAFETY DATA SHEET**

### **1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY**

Catalogue No. : C 12417  
Product Name : **COBALT ACETATE**

#### Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India  
Tel - 0484 2800212 , 2802755

Contact For Information : Tel . No. – 0484 2802536 Fax : 0484 2802483  
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

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### **2. COMPOSITION / INFORMATION ON INGREDIENTS**

Synonyms : Chloro calcium  
CAS-No : 6147-53-1  
Ec-Index No. :  
Molar Mass : 249.08  
EC-No. : 200-755-8  
Molecular Formula:  $C_4H_6CoO_4 \cdot 4H_2O$

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### **3. HAZARDS IDENTIFICATION**

Harmful if swallowed. May cause sensitisation by inhalation and skin contact. Possible risks of irreversible effects.

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### 4. FIRST AID MEASURES

After inhalation : Fresh air.

After skin contact : Wash off with plenty of water .

After eye contact : Rinse out with plenty of water

After swallowing : Make victim drink plenty of water. Induce vomiting.

Consult doctor if feeling unwell.

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### 5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials available in immediate neighbourhood

Special risks : None

Other information: Non combustible

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### 6. ACCIDENTAL RELEASE MEASURES

Procedures for cleaning /absorption : Take up dry. Forward for disposal. Clean up affected area.

Person-related precautionary measures : Avoid generation of dusts.

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### 7. HANDLING AND STORAGE

Handling : No further requirements .

Storage : Tightly closed . Dry . In a well ventilated place

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : Required when dusts are generated .

Eye protection : Required

Hand protection : Not required

Industrial hygiene : Change contaminated clothing. Application of skinprotective barrier cream recommended. Wash hands after working with substance .

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Red
Odour	:	Odourless
pH value at 50 mg/l H <sub>2</sub> O (20 <sup>0</sup> C )	:	~ 7.2
Melting temperature	:	Not available
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density (20 <sup>0</sup> C )	:	1.70 g/cm <sup>3</sup>
Solubility in water ( 20 <sup>0</sup> C)	:	380g/l

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### 10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available.

Substance to be avoided : No information available.

Hazardous decomposition products : No information available.

Further information : Sensitive to moisture, releases water of crystallization when heated

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### 11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD<sub>50</sub> (oral, rat): 708 mg/Kg

Subacute to chronic toxicity

Animal experiments performed under conditions comparable with the workplace situation have shown the substance to be carcinogenic.

Further toxicological information :

After skin contact : Risk of sensitisation.

After swallowing : Diarrhoea.

Systemic effects: lack of appetite, drop in blood pressure, agitation, spasm. Toxic effect on kidneys, heart, pancreas.

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### 12. ECOLOGICAL INFORMATION

Ecotoxic effects : Toxic for aquatic organisms.

Further ecologic date : Do not allow to enter water, waste water, or soil.

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### 13. DISPOSAL METHOD

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Disposal in compliance with official regulations. Handle contaminated packaging as in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

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**14. TRANSPORT INFORMATION** : Not subjected to transport regulations

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### 15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : Xn Harmful  
R- Phrases : 22-40-42/43 Harmful if swallowed. Possible risks of irreversible effects. May cause sensitisation by inhalation and skin contact.  
S-phrases : 22-36/37 Do not breathe dusts. Avoid contact with skin.  
Water pollution class : 2 (polluting substance)

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### 16. OTHER INFORMATION

Reason for alteration

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions . It does not represent a guarantee of the properties of the product.

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