



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 12617
Product Name : Sodium cobaltinitrite
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 Telefax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms: Chloro calcium

CAS-No : 13600-98-1 Ec-Index No. :
Molar Mass: EC-No. : 237-077-7
Molecular Formula : $\text{Co N}_6 \text{Na}_3 \text{O}_{12}$

3. HAZARDS IDENTIFICATION

Contact with combustible material may cause fire. Possible risks of irreversible effect.

3. 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

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : water, CO_2 , foam, powder.
Special risks : Development of hazardous combustion Gases or vapours possible in the event of fire.
Other information: Non combustible.

6. ACCIDENTAL RELEASE MEASURES

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



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7. **HANDLING AND STORAGE** : Handling : No further requirements .
Storage : Tightly closed . Dry .
Separately or together with oxidising substance
Only away from source of ignition and heat.
At +15 °C to +25° C.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION** : Personal protective equipment
Respiratory protection : required when dusts
are generated .
Eye protection : required
Hand protection : not required
Industrial hygiene : Wash hands after working
with substance .

9. **PHYSICAL AND CHEMICAL PROPERTIES** :

Form	:	solid
Colour	:	yellow
Odour	:	weakly of nitric acid
PH value	:	~ 5
At 100 mg/l H ₂ O (20° C)		
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° C)	:	Not available
Solubility in		
water (20° C)	:	720 g/l

10. **STABILITY AND REACTIVITY** : Conditions to be avoided : No information
available.
Substance to be avoided : No information
available.
Hazardous decomposition products :
No information available.

11. **TOXICOLOGICAL INFORMATION** :

Acute toxicity
Quantitative data on the toxicity of this product are not available
Subacute to chronic toxicity
After inhalation of dusts:



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

Further toxicological information

Systemic effects: Symptoms of an acute cobalt intoxication:

Diarrhoea, drop in body temperature lack of appetite,
drop in blood pressurespams. Toxic effect on kidneys,
heart, pancreas

Further data:

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION :

Ecotoxic effects: No specific data

Further ecologic date:

Quantitative data on the ecological effect of this product are not available.

13. DISPOSAL METHOD :

Product : 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 .
Packaging : 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 .

14. TRANSPORT INFORMATION

Transport over land

ADR/RID and GGVS/GGVE : GGVS/GGVE class: 5.1 Number and letter:27 c

ADR/RID class :5.1 Number and letter:27c

Name of material : SODIUM HEXANITROCOBLTATE

River transport AND/ADNR: Not examined

Sea transport IMDG : IMDG class: 5.1 UN –No.:1479 Packaging group: III

Ems : 5.1-11 MFAG: 760,4.3

Correct technical name: SODIUM HEXANITROCOBLTATE

Air transport

ICAO-TI and IATA-DGR: ICAO/IATA class:5.1 UN/ID-No.: 1479 Packaging group: III

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15. REGULATORY INFORMATION :

Labelling according to EC Directives

Symbol : O Oxidising
Xn Harmful

R- Phrases : 8-40 Contact with combustible material may
cause fire. Possible risks of irreversible effects.

S-phrases : 25-36/37 Avoid contact with eyes. Wear suitable protective
clothing and gloves.

Water pollution class : 2 (polluting substance)

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.