



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 10929
Product Name : SILICA GEL BLUE COARSE(3-8 MESH)

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms: silicon dioxide amorphous

The percent content of the cobalt compound mentioned below refers to the amount of the pure cobalt therein.

Hazardous ingredients :

Name according to EC Directives:

CAS-No.	EC-No.	EC-Index-No.	Classification :	Content :
Cobalt(II) chloride 7646-79-9	231-589-4	027-004-00-5	Carc. Cat. 2; R49 Xn ; R22 R42/43 N; R50/53	>- 0.01 < 0.1 %

(Full text of R-phrases in heading 16)

3. HAZARDS IDENTIFICATION

May cause cancer by inhalation.

Restricted to professional users. Attention- Avoid exposure- obtain special instructions before use. May produce an allergic reaction.

4. FIRST AID MEASURES

After skin contact : Wash off with plenty of water.

Remove contaminated clothing.

After eye contact : Rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist if necessary.

After inhalation : Fresh air. Call in physician.

After swallowing : Make victim drink plenty of water, induce vomiting, call in physician.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media: In adaption to materials stored in the Immediate neighbourhood

Special risks: Non-combustible. Ambient fire may liberate hazardous vapours.



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Special protective equipment for fire fighting : Do not stay in dangerous zone without self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures: Avoid substance contact. Avoid generation of dusts; do not inhale dusts. Ensure supply of Fresh air in enclosed rooms

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

7. HANDLING AND STORAGE

Handling: Notes for safe handling: Work under hood. Do not inhale substance.

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

Storage temperature: No restrictions.

Accessible only for authorized persons

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Specific control parameter

EC : Name : Cobalt dichloride

Carcinogenic : C2: should be regarded as if it is carcinogenic to man Danger of sensitisation of the airways and the skin

Personal protective equipment :

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled . The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection : required when dusts are generated.

Eye protection : Required

Hand protection : Required

Industrial hygiene : Immediately change contaminated clothing.

Apply skin-protective barrier cream. Wash hands and face after working with substance. Under no circumstances eat or drink at workplace. Work under hood. Do not inhale substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Blue
Odour	:	Odourless
pH value	:	Not available
Melting temperature	:	Not available



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Boiling temperature : Not available
Ignition temperature : Not available
Flash point : Not available
Explosion limits lower : Not available
Upper : Not available
Density : Not available
Bulk density : 700 kg/m³
Solubility in water(20°C) : Insoluble

10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available.
Substance to be avoided :
Halogen oxides, sodium /heat, xenon hexafluoride.
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 : Applicable to partial component(s):
Animal experiments performed under conditions comparable with the workplace situation have shown the substance to be carcinogenic.

Further toxicological information : Property that must be
Anticipated on the basis from the components of the preparation:
After inhalation : Irritations of the mucous membranes, coughing,
and dyspnoea. Sensitisation possible in predisposed persons.
After eye contact : Slightly irritations.
After skin contact : Sensitisation possible in predisposed persons.

After swallowing of large amounts : Damage of : lungs.

Other notes: Symptoms of an acute cobalt intoxication : Diarrhoea,
loss of appetite, drop in body temperature, Drop in blood pressure.
Toxic effect on kidneys(proteinuria, anuria), heart, and pancreas.

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

12. ECOLOGICAL INFORMATION

Ecotoxic effects :

Quantitative data on the ecological effect of this product are not available.
Further ecologic data : No ecological problems are to be expected when
the product is handled and used with due care and attention.



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13. DISPOSAL METHOD

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Nice product packaging must be disposed of in compliance with the county-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. TRANSPORT INFORMATION

Entire package: not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : T Toxic

R-phrases : 49 May cause cancer by inhalation

S-phrase : 53-45 Avoid exposure-obtain special instructions before use.
In case of accident or if you feel unwell, seek medical advice immediately(show the label where possible).

Water pollution class : ----

16. OTHER INFORMATION

Text of any R phrases referred to under heading 2:

22 Harmful if swallowed.

42/43 May cause sensitisation by inhalation and skin contact.

49 May cause cancer by inhalation.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effect in the aquatic environment.

Reason for alteration :

Change 5 : Fire-fighting measures.

Chapter 2 : Change in ingredients data..

General update.

Regional representation :

This information is given on the authorised Safety Data Sheet for your country.

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.