

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. :
Product Name : TOLUIDINE BLUE FOR MICROSCOPY
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

TOLUIDINE BLUE Substance.
Contains no other components or impurities which will influence the classification of the product.

Synonyms: TOLUIDINE BLUE Substance.

CAS-No :
Ec-Index No. :
EC-No. :
Molecular Formula:
Molar mass :

3. HAZARDS IDENTIFICATION : Not classified.

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

4. FIRST AID MEASURES : After inhalation : fresh air. if necessary apply mouth to mouth resuscitation or mechanical ventilation.

After skin contact: wash off with plenty of water .Remove contaminated clothing. Dab with polyethylene glycol 400.

After eye contact: rinse out with plenty of water with eyelids held open. consult an eye specialist

After swallowing: Make victim drink plenty of water, avoid vomiting. Immediately summon doctor.

5. FIRE – FIGHTING MEASURES: Suitable extinguishing media : foam, powder,CO₂
Special risks : combustible. Formation of hazardous combustion gases or vapours possible in event of fire. Formation of explosive mixtures possible with air. Keep away from sources of ignition.

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

Other information: Prevent fire fighting water from entering surface water or ground water. Take measures to prevent electrostatic charging.
Contains escaping vapours with water.

6. ACCIDENTAL RELEASE MEASURES: Procedures for cleaning / absorption:
Take up with liquid absorbent material. Forward for disposal. Clean up affected area.

Person – related precautionary measures :Do not inhale vapours. Avoid substance contact.

Environmental protection measures: Do not allow to enter sewage system.

7. HANDLING AND STORAGE: **HANDLING :** No further requirements.

Storage : Tightly closed Dry .In a well ventilated place .Keep away from sources of ignition and heat. At +15⁰ C to +25⁰ C. Accessible only for authorised persons

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: required when vapours/ aerosols are generated .

Eye protection: required

Hand protection: required

Protective clothing should be selected for the working place depending on concentration and quantity of the hazardous substance handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier
Industrial hygiene : Change contaminated clothing . Application of skin protective barrier cream recommended . Wash hands after working with substance

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9. PHYSICAL AND CHEMICAL PROPERTIES :

Physical state at 20 °C	Solid.
Colour	Dark green powder
Odour	N/A
Odour threshold	No data available.
pH value	Not applicable.
Melting point [°C]	No data available.
Decomposition point [°C]	N/A
Critical temperature [°C]	N/A
Auto-ignition temperature [°C]	N/A
Flammability (solid, gas)	N/A
Flash point [°C]	N/A
Boiling point [°C]	N/A
Initial boiling point [°C]	N/A
Final boiling point [°C]	N/A
Evaporation rate	N/A
Vapour pressure [20°C]	N/A

10. STABILITY AND REACTIVITY : Conditions to be avoided : no information available

Substance to be avoided : oxidising agents.

Hazardous decomposition products : no information available.

Further information: combustible;

Light sensitive.

11. TOXICOLOGICAL INFORMATION : Acute toxicity
LD₅₀ (oral, rat): 121 mg/kg mg/Kg
LD₅₀ (dermal, rabbit): 890 mg/Kg

The literature data available to us do not conform with the labelling prescribed by the EC. The Ec has dossiers which have not been published.

Further toxicological information:

After skin contact: burns . Danger of skin absorption.

After eye contact: burns. Risk of blindness

After swallowing: irritations of mucous membranes in the mouth, pharynx, oesophagus and gastro intestinal tract.

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No description of any further symptoms is available.

Further data:

The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION: Ecotoxic effects:

Daphnia toxicity:

Daphnia EC₅₀ : 21 mg/l/48h ;

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Product Name : o-Cresol

Fish toxicity:

Lidus LC₅₀ : 2 mg/l/48h;

Further ecologic data:

Do not allow to enter waters, waste waters, or soil !.

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 :

GVG/GGVE class : No Date Number and letter: No Date

ADR/RID class : No Date Number and letter: No Date

Name of material : No Date

River transport AND/ADNR: Not examined

Sea transport IMDG :

IMDG class: No Date UN –No.: No Date Packaging group: No Date

Ems : No Date MFAG: No Date

Correct technical name: No Date

Air transport

ICAO-TI and IATA-DGR:

ICAO/IATA class: No Date

UN/ID-No.: No Date

Packaging group: No Date

Correct technical name: No Date

15. REGULATORY INFORMATION :

Labelling according to EC Directives

S-phrases : 36/37/39-45 Wear suitable protective clothing ,gloves and eye/ face protection. In case of accident or if you feel unwell, seek medical advice immediately

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.
