



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : B 32309
Product Name : BRILLIANT GREEN

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

Preparation for culture media.

Triphenylmethane dye.

Synonyms : Diamond green G: Solid green; Ethyl green
CAS-No. : 633-03-4
Molar mass : 482.64
EC –No. : 211-190-1
Molecular formula : $C_{27}H_{34}N_2O_4S$

3. HAZARDS IDENTIFICATION : Harmful if swallowed.

4. FIRST AID MEASURES

After skin contact: Wash off with plenty of water.

Remove contaminated clothing.



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After eye contact : Rinse out with plenty of water with the eyelid held wide open.
Summon eye specialist.
After inhalation: fresh air.
After swallowing : Make victim drink plenty of water, induce vomiting ,
summon doctor.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Powder, foam.

Special risks: Avoid percussion and friction.

Combustible. Formation of hazardous combustion gases or vapours possible in event of fire.

Vapours heavier than air. The following may develop in event of fire :

Sulfur oxides, nitrogen oxides.

6. ACCIDENTAL RELEASE MEASURES

Procedure for cleaning/absorption:

Carefully take up dry. Forward for disposal. Clean up effected area.

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed . Dry. At +15oC to +25o C.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when dusts are generated.

Eye protection : required

Hand protection : required

Industrial hygiene : Change contaminated clothing.

Application of skin-protective barrier cream recommended.

Wash hands after working with substance.

9. PHYSICAL & CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Olive green
Odour	:	Weak
PH value at 10 g/l H ₂ O (25°C)	:	Near 2.5
Melting temperature	:	Near 180° C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits lower	:	Not available
Upper	:	Not available
Vapour pressure	:	Not available
Relative vapour density	:	Not available
Density	:	Not available
Bulk density	:	Near 500-600 kg/m ³
Solubility in water(20°C)	:	Near 100 g/l
Ethanol (20° C)	:	Near 20 g/l
Thermal decomposition	:	Near 200° C



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10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available

Substances to be avoided : No information available

Hazardous decomposition : products : No information available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD₅₀(oral, rat) : etwa 300 mg/kg.

Specific symptoms in animal studies:

Eye irritation test (rabbit): No irritation.

Skin irritation test (rabbit): irritant effect.

Further data: We have no description of any toxic symptoms.

12. ECOLOGICAL INFORMATION

Ecotoxic effects: Bacteria EC₅₀: 100 mg/l

Further ecologic data:

BOD₅: 0.03 Gew% COD : 153.9 Gew %

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.



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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 : No subject to transport regulations.

15. REGULATORY INFORMATIO

Labelling according to EC Directives

Symbol	:	Xn	Harmful
R-phrases	:	22	Harmful if swallowed.
S-phrases	:	24/25	Avoid contact with skin and eyes.

Water pollution class : 2 (polluting substance) (own classification)

16. OTHER INFORMATION

Reason for alteration:

Change in transport classification.

The information contained here in is based on the present state of our knowledge.

It characterizes the product with regard to the appropriate safety precautions.

It doesnot represent a guarantee of the properties of the product.
