



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : M 32371
Product Name : METHYL VIOLET
.
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

Mixture of diverse para-rosanilines.

Synonyms: Methylrosaniline, Gentian violet

CAS-No. : 548-62-9 EC-No. : 208-953-6
EC-Index-No. : ----- M : -----
Formula Hill : ----- Chemical formula : -----

3. HAZARDS IDENTIFICATION : Harmful if swallowed . Limited evidence of a carcinogenic effect.

Risk of

serious damage to eyes. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

After inhalation : Fresh air. Consult doctor if feeling unwell.

After swallowing : Drink plenty of water, induce vomiting, call in physician.



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5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Powder, foam, water.

Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire : nitrogen oxides, hydrochloric acid.

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

Other information: Take measures to prevent electrostatic charging.
Beware of backfiring. Contain escaping vapours with water.
Prevent fire-fighting water from entering surface water or ground water.

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.

Environmental-protection measures : Do not allow to enter sewerage system.

Procedures for cleaning/absorption: Take up dry. Forward for disposal. Clean up effected area. Avoid generation of dusts.

7. HANDLING AND STORAGE

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

Storage : Tightly closed . At +5 ° C to +30° C.



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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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 : Change contaminated clothing. Application of skin-
protective barrier cream recommended. Wash hands after working with substance.
Work under hood. Do not inhale substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Olive green
Odour	:	Characteristic
pH value at 10 g/l H ₂ O (25° C)	:	4.3
Melting temperature	:	Not available
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	:	380 kg/m ³
Solubility in water(25°C)	:	30 g/l
Ether (25°C)	:	In soluble



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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 : In the event of fire: See chapter 5.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD₅₀ (oral, rat): 460-680 mg/kg.

Specific symptoms in animal studied:

Skin irritation test (rabbit): Slight irritations.

Sub acute to chronic toxicity : The carcinogenic potential requires further clarification.

Further toxicological information :

After eye contact : Risk of permanent damage due to staining of the cornea. Risk of serious damage to eyes.

After swallowing : nausea, vomiting, diarrhoea.

The results of the long-term studies available suggest that exposure to crystal violet/gentian violet may lead to irreversible damage. The positive in-vitro genetic toxicity findings also point in a negative direction. However, the data available do not suffice to classify the dye as carcinogenic in humans.

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

12. ECOLOGICAL INFORMATION : Biologic degradation : elimination :< 10 Grew %.

Ecotoxic effects : Highly toxic for aquatic organisms. May Cause long-term adverse effects in the aquatic environment.

Fish toxicity : *S. gairdnerii* LC₅₀ : 0.7 mg/l/96 h.

Further ecologic data : BOD₅ : 0.12 Gew%.COD : 163.9 Gew %.

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



SAFETY DATA SHEET

Catalogue No. : M 32371
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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

Land transport : GGVS, GGVE, ADR,RID
Classification : 9/ 12c UMWELTGEFAEHRDENDER STOFF,FEST,
N.A.G. (METHYL VIOLET)
Name : 3077

Transport by river : ADN, ADNR
Classification : Not tested

Transport by sea : IMDG, GGVsee
Classification : 9/UN 3077/PG 111
Ems : ---
Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
SOLID,N.O.S.(METHYL VIOLET)

Transport by air : ICAO, IATA
Classification : 9/UN 3077/PG 111
Name : ENVIRONMENTAL HAZARDOUS SUBSTANCE,
SOLID,N.O.S.(METHYL VIOLET)



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15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : Xn Harmful
N Dangerous for the environment.

R-phrases : 22-4-41-50/53 Harmful if swallowed . Limited evidence of a carcinogenic effect. Risk of serious damage to eyes. Very toxic to aquatic organisms, may cause long-term adverse effect in the aquatic environment.

S-phrase : 16-26-29-33 Do not breathe dust. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. Avoid release to the environment. Refer to special instructions/safety data sheets.

Water pollution class : -----

16. OTHER INFORMATION

Chapter 5: fire-fighting measures.

Chapter 8: specific control parameter.

General update.

Regional representation :

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

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 does not represent a guarantee of the properties of the product.
