



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : W 30317
Product Name : WRIGHT'S STAIN SOLUTION
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

Methanolic dye solution

Hazardous ingredients :

Name according to EC Directives : Methanol
Hazard symbols : F T R-phrases: 11-23/25
EC-Index-No. : 603-001-00-X Highly flammable.Toxic by inhalation
and if swallowed .
CAS-No. : 67-56-1 Content: >- 50%

Name according to EC Directives : Ethylene glycol
Hazard symbols : Xn R-phrases : 22
EC-Index-No. : 603-027-00-1 Harmful if swallowed
CAS-No. : 107-21-1 Content : >- 1-10 %

3. HAZARDS IDENTIFICATION

Highly flammable. Toxic by inhalation and if swallowed

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 at least 10 minutes
with the with the eyelid held wide open. Summon eye specialist.
After inhalation : Fresh air. Apply mouth-to-mouth respiration or
mechanical ventilation if necessary.
After swallowing : Make victim drink ethanol(e.g. 1 drinking glass of a 40%
alcoholic beverage). Summon doctor, mentioning methanol ingestion.
If breathing stops: mouth –to-mouth respiration or mechanical ventilation.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Water,CO₂,foam,powder.

Special risks : Combustible. Vapours heavier than air. Formation of explosive
mixtures possible with air. Take measures to prevent electrostatic charging.



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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 .Do not inhale vapours/aerosols.Ensure supply of fresh air in enclosed rooms.

Procedures for cleaning /absorption : Take up with liquid- absorbent material (e.g. Chemizorb @). Forward for disposal. Clean up affected area with water.

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

7. HANDLING AND STORAGE

Handling : Take measures to prevent electrostatic charging.

Storage : Tightly closed . In a well-ventilated place. Keep away from sources of ignition and heat. At +15°C to +25°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection : Require when vapours/aerosols are generated.filter A(acc.to DIN 3181)for vapours of organic compounds.

Eye protection : Required

Hand protection : Required

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.

Industrial hygiene : Change contaminated clothing. Apply skin-protective barrier cream . Wash hands and face after working with substance.

9. Physical and chemical properties :

Form : Liquid
Colour : Blue
Odour : Of methanol



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pH value (20 °C)	:	7-8	
Melting temperature	:	Not available	
Boiling temperature	:	Not available	
Ignition temperature	:	Not available	
Flash point	:	5 °C	
Explosion limits lower	:	5.5 vol%	kuhn-Birett
Upper	:	31 vol%	
Relative vapour density	:	Not available	
Density (20°C)	:	0.80 g/cm ³	
Solubility in water (20°C)	:	Soluble	

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: Applicable to the toxicologically determinant component:

LD₅₀ (oral, rat): 5628 mg/kg ; LDLo (oral, human) 143 mg/kg.

LC₅₀ (inhalation, rat): 64000 ppm(v)/4h.

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.

Subacute to chronic toxicity : Applicable to partial component(s):

An embryotoxic effect need not be feared when the threshold limit value is observed.

Further toxicological information:

After absorption : drop in blood pressure, cyanosis, acidosis, CNS disorders, dizziness, headache, agitation, spasms, narcosis, coma, Damage of liver ,kidneys, eyes. Cannot be excluded: blindness.

After skin contact : Irritations. and caustic effects.

After eye contact : Irritations, mucosal irritations.

Further data : Further hazardous properties cannot be excluded.

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

12. Ecological Information :

Applicable to the Ecotoxic determinant component:

Ecotoxic effects : Risk of formation of explosive vapours above water surface. When used properly, no impairments in the function of waste-water-treatment plants are to be expected.

Biological effects : Fish toxicity : fish LC₅₀ :> 10000 mg/l; M.aeruginosa

EC₀ : 530 mg/l ; Ps.putida EC₀ : 6600 mg/l ;

Sc.quadricauda EC₀ : 8000 mg/l.

Further ecologic data : Do not allow to enter waters, waste water, or soil



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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.

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

GGVS/GGVE class: 3 Number and letter: 19 b
Transport over land ADR/RID ADR/RID class: 3 Number and letter : 19 b
And GGVS/GGVE Name of material : 1992 WRIGHT'S STAIN SOLUTION

Sea transport IMDG : IMDG class : 3.2 UN-NO. : 1992 Packaging group : 11
Ems : 3-07 MFAG : 4.2
Correct technical name : WRIGHT'S STAIN SOLUTION

Air transport ICAO-TI and IATA-DGR
ICAO/IATA : 3/6.1 UN/ID-No.: 1992 Packaging group : 11
Correct technical name : WRIGHT'S STAIN SOLUTION

15. REGULATORY INFORMATION

Labelling according to EC Directives
Symbol : F Highly flammable
 T Toxic

R- Phrases : 11-23-25 Highly flammable . Toxic by inhalation and if swallowed.

S-phrases : 7-16-24-37-45 Keep container tightly closed. Keep away from sources of ignition- No smoking. Avoid contact with skin. Wear suitable protective clothing, gloves and eye face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Contains : Methanol

Water pollution class : 1 (slightly polluting substance) (own classification)



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16. OTHER INFORMATION

Reason for alteration
Change in transport classification.
Change /addition in the chapter 8
Change in constituent data.
Change in storage temperature.
General update

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.
