

MATERIAL SAFETY DATA SHEET

WRIGHT'S STAINS SOLUTION

(For Microscopy)

MSDS CAS: -

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: WRIGHT'S STAINS SOLUTION (For Microscopy)

CAS#: -

Synonym: Not available.

Chemical Name: Not available.

Chemical Formula: Not available.

Brand : OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: **OXFORD LAB FINE CHEM LLP**
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
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Mumbai, Maharashtra, INDIA.
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Section 2: Composition and Information on Ingredients

Substance / Preparation: Preparation.

Hazardous component(s): This product is hazardous.

Substance name	Contents	CAS No	EC No	Classification
WRIGHT'S STAIN	> 1 < 5 %	68988-92-1	-----	Xn; R22 Xi; R41 R52-53 ----- Eye Dam 1 _ H318 Acute Tox. 4 (oral) _ H302 Aquatic Chronic 3 _ H412
Methanol	> 75 < 99 %	67-56-1	200-659-6	F; R11 T; R23/24/25-39/23/24/25 ----- Flam. Liq. 2 _ H225 Acute Tox. 3 (skin) _ H311 Acute Tox. 3 (inhal) _ H331 Acute Tox. 3 (oral) _ H301 STOT SE 1 _ H370

Section 3: Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45:

Classification: T; R23/24/25-R39/23/24/25

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP) :

Health hazards:

Specific Target Organ Toxicity - Single exposure - Category 1 - Danger (CLP: STOT SE 1) H370 Eye irritation - Category 2A - Warning (CLP: Eye Irrit. 2) H319 Acute toxicity, Oral - Category 3 - Danger (CLP: Acute Tox. 3) H301 Acute toxicity, Inhalation - Category 3 - Danger (CLP: Acute Tox. 3) H331 Acute toxicity, dermal - Category 3 - Danger (CLP: Acute Tox. 3) H311

Label elements

Labelling EC 67/548 or EC 1999/45:

Symbol(s): T: Toxic

R Phrase(s):

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

S Phrase(s): S4:

Keep away from living quarters. S24: Avoid contact with skin. S28: After contact with skin, wash immediately with S35: This material and its container must be disposed of in a safe way. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection. S38: In case of insufficient ventilation, wear suitable respiratory equipment. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible). S59: Refer to manufacturer/supplier for information on recovery/recycling.

Contains: Methanol - WRIGHT'S STAIN

Labelling Regulation EC 1272/2008 (CLP):

Signal words: Danger

Hazard statements: H301: Toxic if swallowed. H311: Toxic in contact with skin. H331: Toxic if inhaled. H319: Causes serious eye irritation. H370: Causes damage to organ.

Section 3: Hazards Identification (Continued)

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.

Section 4: First Aid Measures

Description of first aid measures

Inhalation:

Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor.

Skin contact:

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. Remove/ Take off immediately all contaminated clothing. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor. Wash with plenty of soap and water.

Eye contact:

Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice.

Ingestion:

Immediately call a POISON CENTER or doctor. Specific treatment (see on this label). Do NOT induce vomiting. Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms relating to use:

Repeated exposure to this material can result in absorption through skin causing significant health hazard. Causes damage to organ. Danger of serious damage to health by prolonged exposure through inhalation. Causes serious eye irritation. Swallowing a small quantity of this material will result in serious health hazard.

Indication of any immediate medical attention and special treatment needed

General information:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Specific treatment (see on this label). Call a POISON CENTER or doctor.

Section 5: Fire and Explosion Data

Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture

Hazardous combustion products: Under fire conditions, hazardous fumes will be present.

Advice for fire-fighters

Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For emergency responders: Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel: Evacuate unnecessary personnel.

Environmental precautions

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and material for containment and cleaning up

Clean up methods: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials. Collect spillage.

Reference to other sections

See section 8. Exposure controls/personal protection

Section 7: Handling and Storage

Precautions for safe handling

Handling: Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, vapours, spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not breathe dust, fume, gas, mist, vapours, spray.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.

Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

Storage - away from: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Specific end use(s): None.

Section 8: Exposure Controls/Personal Protection

Exposure controls

Personal protection: Avoid all unnecessary exposure.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Others: When using, do not eat, drink or smoke.

Control parameters

Occupational Exposure Limits: No data available.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state at 20 °C:	Liquid.
Colour:	Colorless
Odour:	Characteristic.
Odour threshold:	No data available.
pH value :	Not applicable.

Section 9: Physical and Chemical Properties (Continued)

Melting point [°C]:	17.9°C
Boiling point [°C]:	N/A
Flammability (solid, gas):	Flammable.
Flash point [°C]:	11 °C
Boiling point [°C]:	64.5°C
Vapour pressure [20°C]:	No data available.
Vapour pressure mm/Hg:	97.68 mm of Hg (@ 20
Vapour density:	3, 17
Density [g/cm³]:	0, 85
Relative density, gas (air=1):	N/A
Relative density, liquid (water=1):	N/A
Solubility in water [% weight]:	Easily soluble in co
Solubility in water:	No data available.
Log Pow octanol / water at 20°C:	No data available.
Solubility:	N/A
Viscosity at 40°C [mm²/s]:	No data available.

Other information

Explosive properties:	N/A
Explosion limits - upper [%]:	N/A
Explosion limits - lower [%]:	N/A
Oxidising properties:	No data available.

Section 10: Stability and Reactivity Data

Reactivity: Not established.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Not established.

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

Incompatible Materials to avoid: Strong acids. Strong bases.

Hazardous decomposition products: Fumes. Carbon monoxide. Carbon dioxide.

Section 11: Toxicological Information

Information on toxicological effects

Toxicity information:

The product has been not fully tested. The calculated risk has been done under the Requirements of the EU regulations.

Acute toxicity:

Inhalation: Toxic if inhaled.

Dermal: Toxic in contact with skin.

Ingestion: Toxic if swallowed.

Corrosion: Based on available data, the classification criteria are not met.

Irritation: Causes serious eye irritation.

Sensitization: Based on available data, the classification criteria are not met.

Mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Causes damage to organ.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Toxicity information: The product has been not fully tested. The calculated risk has been done under the Requirements of the EU regulations.

Persistence - degradability: Biodegradable.

Bioaccumulative potential: Not established.

Mobility in soil: Not established.

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

Environmental precautions: Avoid release to the environment.

Section 13: Disposal Considerations

Waste Disposal:

Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special precautions: Hazardous waste due to toxicity

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name: METHANOL

UN N°: 1230

H.I. nr: 336

ADR - Class: 3

Sea transport (IMDG) [English only]

Proper shipping name: METHANOL

UN N°: 1230

IMO-IMDG - Class or division: 3: Flammable liquid. (6.1: Toxic substances.)

IMO-IMDG - Packing group: II

Air transport (ICAO-IATA) [English only]

Proper shipping name: METHANOL

UN N°: 1230

IATA - Class or division: 3: Flammable liquid. (6.1: Toxic substances.)

IATA - Packing group: II

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:
Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII: The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV: The components of this product are not subject to authorization.

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Section 15: Other Regulatory Information (Continued)

Chemical Safety Assessment: It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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