

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
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MATERIAL SAFETY DATA SHEET

EOSIN BLUE STAINING SOLUTION 2% W/V MSDS CAS: -

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: EOSIN BLUE STAINING SOLUTION 2%

CAS#: Not Available.

Synonym: Not Available.

Chemical Name: Eosin Blue Staining Solution 2%

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,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
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Section 2: Composition and Information on Ingredients

Composition:

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
EOSINE YELLOW C.I.No.45380	> 1 < 5 %	17372- 87-1	-----	-----	-----	Xi; R36 ----- Eye irrit 2 _ H319

Section 2: Composition and Information on Ingredients (Continued)

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Water	> 15 < 25 %	7732-18-5	231-791-2	-----	-----	Not classified (DSD/DPD) ----- Not classified (GHS)
Ethanol	> 75 < 99 %	64-17-5	200-578-6	603-002-00-5	-----	R10 , C; R35 ----- Skin Corr. 1A _ H314 Flam. Liq. 3 _ H226
Acetic acid	> 0.01 < 1 %	64-19-7	200-580-7	607-002-00-6	-----	R10 , C; R35 ----- Skin Corr. 1A+ _ H314 Eye Dam 1 _ H318 Flam. Liq. 3 _ H226 Acute Tox. 4 (inhal) _ H332
Formaldehyde	> 0.01 < 1 %	50-00-0	200-001-8	605-001-00-5	-----	Carc. Cat. 3; R40 , T; R23/24/25 C; R34 , Xi; R37 , R43 ----- Acute Tox. 2 (skin) _ H310 Acute Tox. 3 (inhal) _ H331 Acute Tox. 3 (oral) _ H301 Skin Corr. 1B _ H314 Eye Dam 1 _ H318, Carc. 2 _ H351, STOT SE 3 _ H335 Skin Sens. 1 _ H317

Section 3: Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification: F; R11 , C; R35 , Xi; R37 , R43

Section 3: Hazards Identification (Continued)

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

Health hazards:

Skin corrosion - Category 1A - Danger (CLP: Skin Corr. 1A) H314

Skin sensitisation - Category 1 - Warning (CLP: Skin Sens. 1) H317

Physical hazards: Flammable liquids - Category 2 - Danger (CLP: Flam. Liq. 2) H225

Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s):

C: Corrosive, F: Highly flammable.

R Phrase(s):

R11: Highly flammable.

R35: Causes severe burns.

R37: Irritating to respiratory system.

R43: May cause sensitization by skin contact.

S Phrase(s):

S3: Keep in a cool place.

S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with

S33: Take precautionary measures against static discharges.

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.

S43: In case of fire, use.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

S51: Use only in well-ventilated areas.

S59: Refer to manufacturer/supplier for information on recovery/recycling.

Contains: Ethanol - Water - EOSINE YELLOW C.I.No.45380 - Formaldehyde – Acetic acid.

Labelling Regulation EC 1272/2008 (CLP)

Hazard statements:

H225: Highly flammable liquid and vapour.

H314: Causes severe skin burns and eye damage.

Section 3: Hazards Identification (Continued)

H317: May cause an allergic skin reaction.

Precautionary statements:

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical, ventilating, lighting, equipment.

P210: Keep away from heat, sparks, open flames or hot surfaces. – No smoking.

P280: Wear protective gloves, protective clothing, eye protection, face protection.

P260: Do not breathe dust, fume, gas, mist, vapours, and spray.

P233: Keep container tightly closed.

P264: Wash thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.

P333+P313: If skin irritation or rash occurs: Get medical advice.

P363: Wash contaminated clothing before reuse.

P370+P378: In case of fire: Use for extinction.

Storage:

P403+P235: Store in well-ventilated place. Keep cool.

P405: Store locked up.

Disposal considerations:

P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Contains:

Ethanol - Water - EOSINE YELLOW C.I.No.45380 - Formaldehyde – Acetic acid.

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:

Immediately call a POISON CENTER or doctor. Remove to fresh air and keep at rest in a position comfortable for breathing.

Skin contact:

Get medical advice. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor. Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Wash contaminated clothing before reuse.

Eye contact:

Immediately call a POISON CENTER or doctor. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

Ingestion:

Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms relating to use: Causes severe skin burns and eye damage.
May cause an allergic skin reaction.

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).

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

Flammable class: Highly flammable liquid and vapour.

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

Thermal decomposition generates: Corrosive vapours.

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Section 5: Fire and Explosion Data (Continued)

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.

Technical measures: Use special care to avoid static electric charges.

Special precautions: Remove ignition sources. No naked lights. No smoking.

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.

Section 7: Handling and Storage

Precautions for safe handling

Handling:

Handle empty containers with care because residual vapours are flammable. Do not breathe dust, fume, gas, mist, vapours, spray. Avoid contact during pregnancy or while nursing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

Section 7: Handling and Storage (Continued)

Technical protective measures:

Provide good ventilation in process area to prevent formation of vapour. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical, ventilating, lighting, equipment.

Special precautions: No naked lights. No smoking.

Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place. Keep in fireproof place. Ground/bond container and receiving equipment. Keep container tightly closed.

Storage regulation: Comply with applicable regulations.

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

Section 8: Exposure Controls/Personal Protection

Exposure controls

Personal protection: Avoid all unnecessary exposure.

Respiratory protection: Wear approved mask.

Hand protection: Wear protective gloves.

Skin protection: Wear suitable protective clothing.

Eye protection: Chemical goggles or face shield.

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

Control parameters

Occupational Exposure Limits: No data available.

Section 9: Physical and Chemical Properties

Physical state at 20 °C	: Liquid.
Colour	: Colorless
Odour	: Characteristic.
Odour threshold	: No data available.

Section 9: Physical and Chemical Properties (Continued)

Molecular Weight	: No data available.
pH value	: No data available.
Melting point [°C]	: - 114 °C - lit
Decomposition point [°C]	: Not Available.
Critical temperature [°C]	: No data available.
Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: N/A Highly flammable liquid and vapour.
Flash point [°C]	: 14 °C
Boiling point [°C]	: 100 °C
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: Not Available.
Vapour pressure [20°C]	: No data available.
Vapour pressure mm/Hg	: Not Available.
Vapour density	: Not Available.
Density [g/cm³]	: Not Available.
Relative density, gas (air=1)	: Not Available.
Relative density, liquid (water=1)	: Not Available.
Solubility in water [% weight]	: Not Available.
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: Not Available.
Viscosity at 40°C [mm²/s]	: 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. Open flame.

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Section 10: Stability and Reactivity Data

Incompatible materials: Strong acids. Strong bases.

Hazardous decomposition products:

Fumes. Carbon monoxide. Carbon dioxide.

Thermal decomposition generates: Corrosive vapours.

May release flammable gases.

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

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

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

Corrosion: Causes severe skin burns and eye damage.

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

Sensitization: May cause an allergic skin reaction.

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

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.

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Section 12: Ecological Information (Continued)

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.

Other adverse effects

Environmental precautions: Avoid release to the environment.

Section 13: Disposal Considerations

Waste treatment methods

General: 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: Handle empty containers with care because residual vapours are flammable.

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name: ETHANOL (ETHYL ALCOHOL) / ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

UN N°: 1170

H.I. nr: 33

ADR - Class: 3

Labelling - Transport: 3: Flammable liquid.

ADR - Group: II

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Section 14: Transport Information (Continued)

Sea transport (IMDG) [English only]

Proper shipping name: ETHANOL (ETHYL ALCOHOL) / ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

UN N°: 1170

IMO-IMDG - Class or division: 3: Flammable liquid.

IMO-IMDG - Packing group: II

Air transport (ICAO-IATA) [English only]

Proper shipping name: ETHANOL (ETHYL ALCOHOL) / ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

UN N°: 1170

IATA - Class or division: 3: Flammable liquid.

IATA - Packing group: II

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
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.

Chemical Safety Assessment

Chemical Safety Assessment: It has not been carried out.

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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