OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

ALBERT STAIN 'A' SOLUTION

MSDS CAS:

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: ALBERT STAIN 'A' SOLUTION
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**
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Section 2: Composition and Information on Ingredients

Substance / Preparation : **Preparation**

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
TOLUIDINE BLUE C.I.No.52040 :	> 0.1 < 1 %	----	-----	-----	-----	Not classified (DSD/DPD) ---------- Not classified (GHS)
Verde malaquita, clorhidrato; C.I. Verde básico 4	> 0.01 < 1 %	569-64-2	209-322-8	602-096-00-5	602-096-00-5	Repr. Cat. 3; R63 Xn; R22 Xi; R41 N; R50-53 ---------- Eye Dam 1 _ H318 Acute Tox. 4 (oral) _ H302 Repr. 2 _ H361d Aquatic Acute 1 _ H400 Aquatic Chronic 1 _ H410
Water	> 75 < 99 %	7732-18-5	231-791-2	-----	----	Not classified (DSD/DPD) ---------- Not classified (GHS)
Acetic acid	> 1 < 5 %	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
Ethanol	> 1 < 5 %	64-17-5	200-578-6	603-002-00-5	----------	R10 C; R35 ---------- Skin Corr. 1A _ H314 Flam. Liq. 3 _ H226

Section 3: Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45: Xi; R36/38

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP): Not classified.

Health hazards : Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319
Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315

Section 3: Hazards Identification (Continued)

Labelling EC 67/548 or EC 1999/45 : Xi : Irritant

R Phrase(s) : R36/38 : Irritating to eyes and skin.
S Phrase(s) : S24 : Avoid contact with skin.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35 : This material and its container must be disposed of in a safe way.
S36/37 : Wear suitable protective clothing and gloves.
S51 : Use only in well-ventilated areas.
S59 : Refer to manufacturer/supplier for information on recovery/recycling.
Contains : Water - Ethanol - Acetic acid - Verde malaquita, clorhidrato; C.I. Verde básico 4 - TOLUIDINE BLUE C.I.No.52040

Precautionary statements

• Prevention : P280: Wear protective gloves, protective clothing, eye protection, face protection.
P264: Wash thoroughly after handling.
• Response : P302+P352: IF ON SKIN : Wash with plenty of soap and water.
P332+P313: If skin irritation occurs : Get medical advice.
P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P363: Wash contaminated clothing before reuse.
Contains : Water - Ethanol - Acetic acid - Verde malaquita, clorhidrato; C.I. Verde básico 4 - TOLUIDINE BLUE C.I.No.52040
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: Assure fresh air breathing. Allow the victim to rest.
Skin contact: Specific treatment (see on this label). Wash contaminated clothing before reuse. Get medical advice. If skin irritation occurs: Wash with plenty of soap and water.
Eye contact: Get medical advice. If eye irritation persists: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.
Ingestion: Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

Section 4: First Aid Measures (Continued)

Most important symptoms and effects, both acute and delayed

Symptoms relating to use: Causes serious eye irritation. Causes skin irritation.

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

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 respirator 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.

Section 6: Accidental Release Measures (Continued)

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.**

Section 7: Handling and Storage

Precautions for safe handling

Handling **: Wash thoroughly after handling.**
: Wash thoroughly after handling. Wash thoroughly after handling.

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 **: Wear approved mask.**
• Hand protection **: Wear protective gloves.**
• Skin protection **: Wear suitable protective clothing**
• Eye protection **: Chemical goggles or safety glasses.**
• Others **: When using, do not eat, drink or smoke.**

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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	**: No data available.**
Melting point [°C]	**: No data available.**
Decomposition point [°C]	**: N/A**
Critical temperature [°C]	**: No data available.**
Auto-ignition temperature [°C]	**: No data available.**
Flammability (solid, gas)	**: N/A**
Flash point [°C]	**: No data available.**
Boiling point [°C]	**: N/A**
Initial boiling point [°C]	**: No data available.**
Final boiling point [°C]	**: No data available.**
Evaporation rate	**: N/A**
Vapour pressure [20°C]	**: No data available.**
Vapour pressure mm/Hg	**: N/A**
Vapour density	**: N/A**
Density [g/cm3]	**: No data available.**
Relative density, gas (air=1)	**: N/A**
Relative density, liquid (water=1)	**: N/A**
Solubility in water [% weight]	**: No data available.**
Solubility in water	**: N/A**
Log Pow octanol / water at 20°C	**: No data available.**
Solubility	**: No data available**
Viscosity at 40°C [mm2/s]	**: No data available.**

Other information

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

Section 10: Stability and Reactivity Data

Reactivity

Reactivity : Not established.

Chemical stability

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions

Hazardous reactions : Not established.

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

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** : 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 serious eye irritation.
Irritation : Causes skin 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: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Toxicity

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.

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.

Section 14: Transport Information

Land transport (ADR-RID)

General information: **Unregulated.**

Sea transport (IMDG) [English only]

General information: **Unregulated.**

Section 14: Transport Information (Continued)

Air transport (ICAO-IATA) [English only]
General information: Unregulated.

Section 15: Other Regulatory Information

Safety, health and environmental: Ensure all national/local regulations are observed.
Regulations/legislation specific for the Substance or mixture
REACH Restrictions - Annex XVII: The components of this product are not subject to restrictions.
REACH Authorization - Annex XIV: The components of this product are not subject to authorization.
Chemical Safety Assessment
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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The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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