

MATERIAL SAFETY DATA SHEET

ALBERT STAIN 'B' SOLUTION **MSDS CAS:**

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: ALBERT STAIN 'B' 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 name	Contents	CAS No	Classification
TOLUIDINE BLUE C.I.No.52040 :	> 0.1 < 1 %	----	Not classified (DSD/DPD) ----- Not classified (GHS)
Water	> 75 < 99 %	7732-18-5	Not classified (DSD/DPD) ----- Not classified (GHS)
Acetic acid	> 1 < 5 %	64-19-7	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	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

Not classified.

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

Not classified.

Label elements

Labelling EC 67/548 or EC 1999/45

Not classified.

Symbol(s) : None.

R Phrase(s) : None.

S Phrase(s) : None.

Contains : Water - Yoduro potásico – Iodine

Section 3: Hazards Identification (Continued)

Labelling Regulation EC 1272/2008 (CLP)

Not classified.

Contains: Water - Yoduro potásico - Iodine

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: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Ingestion: Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms relating to use: Not expected to present a significant hazard under anticipated conditions of normal use.

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.

Section 5: Fire and Explosion Data (Continued)

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.

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

Section 7: Handling and Storage (Continued)

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.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state at 20 °C	: Liquid.
Colour	: Dark brown.
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.

Section 9: Physical and Chemical Properties (Continued)

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/cm ³]	: 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 [mm ² /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	: Not established.
Chemical stability	: Stable under recommended storage conditions.
<u>Possibility of hazardous reactions</u>	
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	: Based on available data, the classification criteria are not met.
Irritation	: Based on available data, the classification criteria are not met.
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.
Aspiration hazard	: 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.

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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