

MATERIAL SAFETY DATA SHEET

FIELD STAIN A (For Microscopy) MSDS CAS: -

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: FIELD STAIN A

CAS#: Not Available.

Synonym: Not Available.

Chemical Name: Field Stain A

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

Composition:

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|----------------|---|----------|---|
| Water | (CAS-No.) 7732-18-5 (EC-No.) 231-791-2 | 98 - 100 | Not classified |
| METHYLENE BLUE | (CAS-No.) 61-73-4 | 0.2 - 3 | Acute Tox. 4 (Oral), H302 |

Section 2: Composition & Information on Ingredients: continued

| | | | |
|--|--|---------|----------------|
| POTASSIUM PHOSPHATE DIBASIC ANHYDROUS AR | | 1 - 2 | Not classified |
| SODIUM PHOSPHATE DIBASIC DIHYDRATE AR | (CAS-No.) 10028-24-7 (EC-No.) 231-448-7 | 0.1 - 1 | Not classified |

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.

Contains: Pentasodium (carboxylatomethyl)iminobis(ethylenenitrilo)tetraacetate

Labelling Regulation EC 1272/2008 (CLP): Not classified.

Contains:

Pentasodium (carboxylatomethyl)iminobis(ethylenenitrilo)tetraacetate

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 (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

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:

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: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Section 7: Handling and Storage

Precautions for safe handling

Handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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

Section 7: Handling and Storage (Continued)

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.

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

| | |
|--------------------------------|----------------------|
| Physical state at 20 °C | : Solid. |
| Colour | : Dark blue powder |
| Odour | : Odorless |
| Odour threshold | : No data available. |
| pH value | : Not applicable. |
| Melting point [°C] | : No data available. |
| Decomposition point [°C] | : Not available. |
| Critical temperature [°C] | : Not available. |
| Auto-ignition temperature [°C] | : Not available. |
| Flammability (solid, gas) | : Not available. |
| Flash point [°C] | : Not available. |
| Boiling point [°C] | : Not available. |
| Initial boiling point [°C] | : Not available. |

Section 9: Physical and Chemical Properties (Continued)

| | |
|--|----------------------|
| Final boiling point [°C] | : Not available. |
| Evaporation rate | : Not available. |
| Vapour pressure [20°C] | : Not available. |
| Vapour pressure mm/Hg | : Not available. |
| Vapour density | : Not available. |
| Density [g/cm ³] | : 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 | : Not available. |
| Log Pow octanol / water at 20°C | : No data available. |
| Solubility | : Not available. |
| Viscosity at 40°C [mm ² /s] | : Not 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: 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.

Section 11: Toxicological Information (Continued)

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 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 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: Not regulated.

Sea transport (IMDG) [English only]

General information: Not regulated.

Air transport (ICAO-IATA) [English only]

General information: Not regulated.

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: It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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