

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
Navghar, Vasai (East), Palghar - 410210.
Maharashtra, INDIA.

Tel: +91 250 2390032 / 2390989 / 2390990
Email: sales@oxfordlabchem.com /
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Web: www.oxfordlabchem.com

Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

BORAX CARMINE (GRENACHER) (Aqueous Staining Solution) MSDS CAS:

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: BORAX CARMINE (GRENACHER)

CAS#:

C.I. No.: Not available.

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,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
CARMINE for Microscopy C.I.No 75470	1390-65-4	> 1 < 5 %
Disodium tetraborate decahydrate; borax decahydrate	1303-96-4	> 1 < 5 %

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Water	7732-18-5	> 99 %
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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):

Health hazards : Reproductive toxicity - Fertility - Category 1A - Danger (CLP : Repr. 1A) H360
Reproductive toxicity - Unborn Child - Category 1A - Danger (CLP : Repr. 1A)
H360

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

Eye Contact:

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

Skin Contact:

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

Serious Skin Contact: Not available.

Inhalation: Assure fresh air breathing. Allow the victim to rest

Ingestion:

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

Serious Ingestion: Not available.

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)

Hazardous combustion products: Under fire conditions, hazardous fumes will be present. Thermal decomposition generates : Corrosive vapours.

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.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Explosion Hazards: Not available.

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.

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: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Obtain special instructions before use. Provide good ventilation in process area to prevent formation of vapour.

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.

Section 8: Exposure Controls/Personal Protection

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.**

Occupational Exposure Limits : No data available.

Section 9: Physical and Chemical Properties

Physical state and appearance	: Liquid.
Odor	: Characteristic.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: Colorless.
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: Not available.
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: See solubility in water.
Solubility	:Soluble in water.

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Section 10: Stability and Reactivity Data

Stability: Stable under recommended storage conditions.

Instability Temperature: Not available.

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

Incompatibility with various substances: Strong acids. Strong bases.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Not available.

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

Section 11: Toxicological Information

Information on toxicological effects: 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 : 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 : May damage the unborn child.

May damage fertility.

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.

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Section 12: Ecological Information

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

BOD5 and COD: Not available.

Persistence – degradability : Biodegradable.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

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.

Section 14: Transport Information

Land transport (ADR-RID)

General information : Not regulated.

Sea transport (IMDG)

General information : Not regulated.

Air transport (ICAO-IATA)

General information : Not regulated.

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Section 15: Other Regulatory Information

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

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.
Disodium tetraborate decahydrate; borax decahydrate : Annex XVII

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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