OXFORD LAB FINE CHEM LLP
ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

BORAX CARMINE (GRENACHER)
(Alcoholic 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 Miscroscopy C.I.No 75470	1390-65-4	> 1 < 5 %
Disodium tetraborate decahydrate; borax decahydrate	1303-96-4	> 1 < 5 %

Ethanol	**64-17-5**	**> 25 < 50 %**
Water	**7732-18-5**	**> 50 < 75 %**

Section 3: Hazards Identification

Classification of the substance or mixture:
Classification EC 67/548 or EC 1999/45:
Classification: C; R35
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
Skin corrosion - Category 1A - Danger (CLP : Skin Corr. 1A) H314

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:
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.
Skin Contact:
Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor.
Serious Skin Contact: Not available.
Inhalation: Immediately call a POISON CENTER or doctor. Remove to fresh air and keep at rest in a position comfortable for breathing
Ingestion:
Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting.
Serious Ingestion: Not available.

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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.

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: Obtain special instructions before use. Do not breathe dust, fume, gas, mist, vapours, spray. Avoid contact during pregnancy or while nursing. Wash thoroughly after handling. 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.

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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.
Thermal decomposition generates : Corrosive vapours.

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)

Proper shipping name : ACETYL SALICYLIC ACID
UN N° : 1170
ADR - Class : 3

Sea transport (IMDG) [English only]

Proper shipping name : ACETYL SALICYLIC ACID
UN N° : 1170
IMO-IMDG - Class or division : 3
IMO-IMDG - Packing group : III

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Section 14: Transport Information (Continued)

Air transport (ICAO-IATA) [English only]

Proper shipping name : ACETYL SALICYLIC ACID
UN N° : 1170
IATA - Class or division : 3
IATA - Packing group : III

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 restrictions. : The components of this product are not subject to

Annex XVII

REACH Authorisation - Annex XIV authorization. : The components of this product are not subject to

Chemical Safety Assessment : It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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