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.
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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

ACETO CARMINE SOLUTION
(CARMINE ACETO SOLUTION)
(For Microscopy)
MSDS CAS:

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: ACETO CARMINE SOLUTION
CAS#: Not Applicable
Synonym: Not Available
Chemical Name: Not Available
Chemical Formula: Not Applicable

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:

Ingredient	CAS #	Percent	Hazardous
Acetic Acid	64-19-7	45%	Yes
Carmine	1390-65-4	0.75%	Yes

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Section 3: Hazards Identification

Emergency Overview: Do not ingest. Avoid contact with skin and eyes.

Potential Health Effects:

Eyes: May cause irritation and damage to the cornea and conjunctiva.
Skin: May cause irritation, pain, blisters, discoloration.
Ingestion: May cause gastrointestinal dsiscomfort, burns, swelling of throat, damage to exophagus and stomach.
Inhalation: May cause irritation to respiratory tract; concentrated vapors can cause serious damage and breathing difficulty

Section 4: First Aid Measures

Emergency and First Aid Procedures:

Eyes: Flush with water for at least 15 minutes, raising and lowering eyelids occasionally. Get medical attention at once.

Skin: Thoroughly wash exposed area for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention at once.

Ingestion: Do not induce vomiting. If swallowed, if conscious, give water immediately and get medical attention at once. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. Give oxygen if breathing is difficult; give artificial respiration if breathing has stopped. Keep person warm and quiet, and get medical attention at once.

Section 5: Fire and Explosion Data

Flash Point(Method Used) : **For acetic acid: 104 F cc**
NFPA Rating: Health : **3**
Fire : **2**
Reactivity : **0**
Extinguisher Media :**Use dry chemical, CO_2 or appropriate foam.**
Flammable Limits in Air % by Volume: No data available
Auto ignition Temperature : **No data available.**

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Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled:
Ventilate area of spill. Eliminate all sources of ignition. Remove all non-essential personnel from area. Clean-up personnel should wear proper protective equipment and clothing. Absorb material with suitable absorbent and containerize for disposal.

Section 7: Handling and Storage

Precautions to be Taken in Handling or Storing: Keep container closed and stored in a cool place away from any ignition source. Other Precautions: Avoid contact with skin or eyes.

Section 8: Exposure Controls/Personal Protection

Respiratory Protection(Specify Type):
A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is exceeded.

Ventilation	**: Local Exhaust: Preferred**
Mechanical(General)	**: Acceptable**
Special	**: No**
Other	**: No**

Protective Gloves: Rubber, neoprene, PVC, or equivalent.
Eye Protection: Splash proof chemical safety goggles should be worn at all times.
Other Protective Clothing or Equipment: Lab apron, eye wash, and safety shower.

Section 9: Physical and Chemical Properties

Physical state and appearance: Dark red liquid with a pungent odor.

Odor	**: Not available**
Taste	**: Not available**
Molecular Weight	**: Not available**
Color	**: Not available**
pH (1% soln/water)	**: Not available**
Boiling Point	**: Not available**
Freezing/Melting Point	**: Not available**
Auto ignition Temperature	**: Not available**

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Section 9: Physical and Chemical Properties (Continued)

Specific Gravity : Not available
Vapor Pressure : Not available
Viscosity : Not available
Volatility : Not available.
Flash Point : Not available.
Explosion Limits: Lower :Not available
Explosion Limits: Upper :Not available
Decomposition Temperature : Not available
Solubility in water : Not available

Section 10: Stability and Reactivity Data

Chemical Stability : Stable.
Conditions to Avoid : Heat or open flame.
Incompatibilities with Other Materials :Strong oxidizing agents.
Hazardous Decomposition Products : Not available
Hazardous Polymerization : Will not occur.

Section 11: Toxicological Information

Toxicity Data: Acetic Acid: orl-ratLD50: 3,310mg/kg ihl-musLC50: 5,620 ppm/1H skin rabbit LD50: 1,060 mg/kg.
Carmine: No toxicity data found
Effects of Overexposure:
Acute: See section 3
Chronic: Acetic Acid: Mutation and reproductive data cited.
Not listed as causing cancer by IARC, NTP, or OSHA. Carmine: No chronic effects data cited. Not listed as causing cancer by IARC, NTP, or OSHA. Conditions Aggravated by Overexposure: Respiratory Problems Target Organs: Eyes, skin
Primary Route(s) of Entry: Inhalation, ingestion, or skin contact.

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Section 12: Ecological Information

Not available.

Section 13: Disposal Considerations

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.

Section 14: Transport Information

Land transport (ADR-RID

Proper shipping name : ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION, more than 80% acid, by mass
UN N° : 2789
IMO-IMDG - Class or division: 8: Corrosive substance. (3: Flammable liquid.)
IMO-IMDG - Packing group : II

Sea transport (IMDG) [English only]

Proper shipping name : ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION, more than 80% acid, by mass
UN N° : 2789
IMO-IMDG - Class or division: 8: Corrosive substance. (3: Flammable liquid.)
IMO-IMDG - Packing group : II

Air transport (ICAO-IATA) [English only]

Proper shipping name : ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION, more than 80% acid, by mass
UN N° : 2789
IATA - Class or division : 8: Corrosive substance. (3: Flammable liquid.)
IATA - Packing group : II

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Section 15: Other Regulatory Information

EPA TSCA Status: The ingredients of this product are on the TSCA Inventory.
Hazard Category for SARA Section 311/312 Reporting: Acute
SARA EHS Section 302 TPQ(lbs.) No
SARA Section 313 Chemicals
Name List: Chemical Category:
No No
CERCLA Section 103 RQ(lbs.):
Acetic Acid 5,000
RCRA Section 261.33:
Acetic Acid Yes

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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