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
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

CACOTHELINE 95% AR

(Redox Indicator)

MSDS CAS: 561-20-6

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name : **CACOTHELINE**
CAS# : **561-20-6**
Synonym : **Not available.**
Chemical Name : **Not available.**
Chemical Formula: $C_{21}H_{21}N_3O_7 \cdot HNO_3 \cdot H_2O$

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	Hazardous
Cacotheline	561-20-6	99 - 100%	no

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Section 3: Hazards Identification

This substance is not classified as dangerous according to Directive 67/548/EEC

Section 4: First Aid Measures

Eye Contact : **Flush eyes with water as a precaution.**

Skin Contact : **Wash off with soap and plenty of water.**

Serious Skin Contact : **Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.**

Inhalation : **If breathed in, move person into fresh air. If not breathing give artificial respiration**

swallowed : **Never give anything by mouth to an unconscious person. Rinse mouth with water.**

Section 5: Fire and Explosion Data

Suitable extinguishing media : **Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.**

Special protective equipment for fire-fighters : **Wear self contained breathing apparatus for fire fighting if necessary.**

Section 6: Accidental Release Measures

Personal precautions : **Avoid dust formation.**

Environmental precautions : **Do not let product enter drains.**

Methods for cleaning up : **Sweep up and shovel. Keep in suitable, closed containers for disposal.**

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Section 7: Handling and Storage

Handling : **Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.**

Storage : **Store in cool place. Keep container tightly closed in a dry and well-ventilated place.**

Section 8: Exposure Controls/Personal Protection

Personal protective equipment

Respiratory protection : **Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).**

Hand protection : **For prolonged or repeated contact use protective gloves.**

Eye protection : **Safety glasses.**

Hygiene measures : **General industrial hygiene practice.**

Section 9: Physical and Chemical Properties

Physical state and appearance: Form crystalline.
Color : yellow.
Safety data :

pH	**: no data available.**
Melting point	**: no data available.**
Boiling point	**: no data available.**
Flash point	**: no data available.**
Ignition temperature	**: no data available.**
Lower explosion limit	**: no data available.**
Upper explosion limit	**: no data available.**
Water solubility	**: no data available.**

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Section 10: Stability and Reactivity Data

Storage stability : **Stable under recommended storage conditions.**

Materials to avoid : **Strong oxidizing agents.**

Hazardous decomposition products : **Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx).**

Section 11: Toxicological Information

Acute toxicity : **no data available.**

Irritation and corrosion : **no data available.**

Sensitisation : **no data available.**

Chronic exposure : **IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.**

Signs and Symptoms of Exposure : **To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.**

Potential Health Effects

Inhalation : **May be harmful if inhaled. May cause respiratory tract irritation.**
Skin : **May be harmful if absorbed through skin. May cause skin irritation.**
Eyes : **May cause eye irritation.**
Ingestion : **May be harmful if swallowed.**

Section 12: Ecological Information

Elimination information (persistence and degradability) : **no data available**

Ecotoxicity effects : **no data available.**

Further information on ecology : **no data available.**

Section 13: Disposal Considerations

Product : **Observe all federal, state, and local environmental regulations.**

Contaminated packaging : **Dispose of as unused product.**

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

Labelling : The product does not need to be labelled in accordance with EC directives or respective national laws.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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