



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : C 31217  
Product Name : COPPER FOIL

### Manufacturer/supplier identification

Company : NICE Chemicals (P) Ltd., Cochin, India  
Tel - 0484 2800212, 2802755

Contact for information : Tel. No.- 0484 2802536 Fax : 0484 2802483  
Emergency Telephone No. : 0484 2801583 Telefax No. : 0484 2802483

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Lime, Caustic; Quicklime  
CAS-No : 7440-50-8  
Ec-Index No. : ---  
Molar Mass : 63.55  
EC-No. : 231-159-6  
Molecular Formula: Cu

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## 3. HAZARDS IDENTIFICATION

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned is not required.

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## 4. FIRST AID MEASURES

After inhalation : Fresh air. Consult doctor if feeling unwell.  
After skin contact : Wash off with water.  
After eye contact : Rinse out with water.  
After swallowing : Make victim drink plenty of water, induce vomiting.  
Summon doctor if feeling unwell.

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## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Suitable extinguishing media : metal fire  
powder, CO<sub>2</sub>, water, foam  
Special risks : Not known to date  
Other information : Non-combustible.

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## 6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures : Avoid generation of dusts; do not inhale dusts.

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## 7. HANDLING AND STORAGE

Handling : No further requirements.  
Storage : Tightly closed. Dry.  
Storage temperature ; No restrictions.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.  
Eye Protection : Required  
Hand Protection : Not Required  
Industrial hygiene : Wash hands after working with substance.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Brown
Odour	:	Odourless
pH value	:	Not available
Melting temperature	:	1083 ° C
Boiling temperature	:	2595 ° C
Ignition temperature	:	Not available
Flash Point	:	Not applicable
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density	:	Not available
Bulk Density	:	~1000 gm/cm <sup>3</sup>
Solubility in Water	:	insoluble

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### 10. STABILITY & REACTIVITY

Conditions to be avoided : No information available  
Substances to be avoided : No information available  
Hazardous decomposition products : No information available

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### 11. TOXICOLOGICAL INFORMATION

Acute toxicity : TDLo (oral, human) : 0.12 mg/kg;  
Further toxicological information: On the basis of the morphology of the product,  
no hazardous properties are to be expected when it is handled and used with appropriate  
care.

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### 12. ECOLOGICAL INFORMATION

Ecotoxic effects : No special data.

Further ecologic data : No ecological problems are to be expected when the product is handled and used with due care and attention.

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### 13. DISPOSAL METHOD

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws & regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

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**14. TRANSPORT INFORMATION** : Not subject to transport regulations.

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### 15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : ---

R-phrases : ---

S-phrases : ---



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Water pollution class : 0 (generally nonpolluting substance)  
(own classification)

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### 16. OTHER INFORMATION

Reason for alteration

General update.

The information contained herein is based on the present state of our knowledge.  
It characterises the product with regard to the appropriate safety precautions. It  
does not represent a guarantee of the properties of the product.

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