



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : C 11025
Product Name : COPPER ACETATE

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Cupric Acetate
CAS-No : 6046-93-1
Ec-Index No. : ----
Molar Mass : 199.65
EC-No. : 205-553-3
Molecular Formula : $C_4H_6CuO \cdot H_4O$

3. HAZARDS INDEX : Harmful if swallowed.

4. FIRST AID MEASURES

After inhalation : fresh air.

After skin contact : Wash off with plenty of water. Remove contaminated clothing.



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After eye contact: Rinse out with plenty of water with the eyelid held wide open.

After swallowing: Make victim drink plenty of water, induce vomiting, summon doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.

Special risks : Development of hazardous combustion gases or vapours possible in the event of fire.

Other information : Non-combustible.

6. ACCIDENTAL RELEASE MEASURES

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

Procedures for cleaning/absorption : Take up dry. Forward for disposal.

Clean up affected area.

7. HANDLING AND STORAGE

Handling : Store protected from solvents.

Storage : Tightly closed. Dry. In a well-ventilated place.

Storage temperature : No restrictions.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.

Eye protection : Required



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Hand protection : Required
Industrial hygiene : Change contaminated clothing. Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid
Colour : Bluish-green
Odour : Odourless
pH value at 50 gm/lt. H₂O (20° C) : ~5.5
Melting temperature : 115° C
Boiling temperature : 240° C (decomposition)
Ignition temperature : Not available
Flash Point : Not applicable
Explosion limit lower : Not available
upper : Not available
Relative vapour density : Not available
Vapour pressure (20° C) : 0.28 hPa
Density (20° C) : 1.88 gm/cm³
Bulk Density : ~1100 kg/m³
Solubility in Water (20° C) : 075 gm/lt.
Ethanol (20° C) : 71 gm/lt.
Thermal decomposition : >240° C

10. STABILITY AND REACTIVITY

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



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11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀ (oral, rat) : 710 mg/kg

Further toxicological information :

After inhalation of dust : Irritation symptoms in the respiratory tract. After a latency period: Metal-fume fever after inhalation of large quantities.

After eye contact : Conjunctivitis. Risk of corneal clouding.

After swallowing : Nausea and vomiting

Systemic effects : Tiredness.

Further data : Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION

Ecotoxic effects : Quantitative data on the ecological effect of this product are not available.

Biological effects : Toxic for aquatic organisms.

Further ecologic data : The following applies to copper compounds; biological effects ; toxic for aquatic organisms; copper ions toxic for fish, algae, protozoa, & bacteria at concentrations below 1 mg/lt. Fish: C. auratus toxic 0,01 mg/lt; mussels; 0.55 mg/lt. lethal in 12 h; oysters : 0.1 mg/lt. toxic. Do not allow to enter waters, waste water, or soil!



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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.

14. TRANSPORT INFORMATION : Not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : Xn Harmful
R-phrases : 22 Harmful if swallowed.
S-phrases : ---

Water pollution class : 2 (polluting substance)
(own classification)



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16. OTHER INFORMATION

Reason for alteration

Change in water pollution class.

Change in the chapter on toxicology.

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.
