



# SAFETY DATA SHEET

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

Catalogue No. : Z 10129  
Product Name : ZINC 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 Tele fax No. : 0484 280248

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 5970-45-6 EC Index No. : -----  
Molar mass : 219.49  
Molecular Formula :  $C_4H_6O_4Zn \cdot 2H_2O$  EC -No. : 209-170-2

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## 3. HAZARDS IDENTIFICATION

Harmful if swallowed.

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## 4. FIRST AID MEASURES

After skin contact: Wash off with plenty of water . Remove contaminated clothing.  
After eye contact : Rinse out with plenty of water with the eyelid held wide open.  
Summon eye specialist.  
After swallowing : Make victim drink plenty of water, induce vomiting , summon doctor.  
After inhalation: Fresh air.

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## 5. FIRE – FIGHTING MEASURES

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

Special risks : None.

Other information : Non-Combustible.

## 6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures: Avoid generation of dusts; do not inhale dusts.  
Procedure for cleaning /absorption : Take up dry. Forward for disposal . Clean up effected area.

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## 7. HANDLING AND STORAGE

Handling : Store protected from solvents .  
Storage : Tightly closed . Dry . At +15 ° C to + 25° C.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal protective equipment

Respiratory protection: Required when dusts are generated .  
Eye protection : Required  
Hand protection : Required

Industrial hygiene : Change contaminated clothing . application of skin-  
Protective barrier cream recommended. Wash hands after working with substance.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES :

Form : Solid  
Colour : Off-white  
Odour : Weakly of acetic acid  
pH value at 50 g/l H<sub>2</sub>O (20°C) : 6-8° C  
Melting temperature : Near 100° C  
Boiling temperature : Not available  
Ignition temperature : Not available  
Flash point : Not available  
Explosion limits lower : Not available  
Upper : Not available  
Relative vapour density : Not available  
Density (20 °C) : 1.77 g/cm<sup>3</sup>  
Bulk density : Near 900 kg/m<sup>3</sup>  
Solubility in water (20°C) : 430 g/l

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## 10. STABILITY AND REACTIVITY :

Conditions to be avoided : Strong heating.  
Substance to be avoided : Not known to date.  
Hazardous decomposition products: Not known to date.



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Further information : Releasing water of crystallization: When heated strongly.

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## 11. TOXICOLOGICAL INFORMATION:

Acute toxicity: LD<sub>50</sub> (oral, rat) : 794 mg/kg.

### Further toxicological information:

After skin contact	:	Irritations
After eye contact	:	Irritations
After swallowing	:	Diarrhoea, vomiting, cardiovascular disorders
Systemic effects	:	After inhalation of vapours: pulmonary oedema.
After inhalation	:	Mucosal irritations

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## 12. ECOLOGICAL INFORMATION

Ecotoxic effects: Biological effects: Toxic for aquatic organisms. Hazard for drinking water supplies.

Further ecologic data : 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.

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### 15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol	:	Xn	Harmful
R- Phrases	:	22	Harmful if swallowed.
S-phrases	:	25	Avoid contact with eyes.

Water pollution class : 1 (slightly polluting substance) (own classification )

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### 16. OTHER INFORMATION

Reason for alteration:

Change in supplement to physical /chemical parameters.

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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