



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : C 34117
Product Name : L- CYSTINE

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 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

EC-No. : 200-296-3 Molar Mass : 240.3
CAS-No : 52-90-4 Molecular Formula: $C_6H_{12}N_2O_4S_2$

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

4. FIRST AID MEASURES : After inhalation: fresh air.
After skin contact: wash off with plenty of water.
After eye contact: rinse out with plenty of water
After swallowing: Summon doctor if feeling unwell.

5. FIRE – FIGHTING MEASURES

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



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Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in the event of fire : Nitrous gases, sulfur oxides.

6. ACCIDENTAL RELEASE MEASURES : Procedures for cleaning / absorption : Take up dry.
Forward for disposal. Clean up affected area.

7. HANDLING AND STORAGE : Handling : No further requirements
Storage : Tightly closed. Dry. Protected from light , At +15⁰C to +25⁰C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment :
Respiratory protection : Required when dusts are generated.
Eye protection : Required
Hand protection : Not required

Industrial hygiene : Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Off- white
Odour	:	Weak characteristic odour
Melting temperature	:	Not available
Boiling temperature	:	Not available
pH value	:	Not available
Ignition temperature	:	Not available
Flash point	:	Not available



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Explosion limits lower : Not available
Upper : Not available
Relative vapour density : Not available
Density (20⁰ C) : Not available
Solubility in water (20⁰C) : Insoluble
Inorganic acid(20⁰C) : Soluble

10. STABILITY AND REACTIVITY : Conditions to be avoided : No information available.
Substance to be avoided : No information available.
Hazardous decomposition products : No information available.

11. TOXICOLOGICAL INFORMATION : Naturally occurring substance :
Hazardous properties are relatively improbable.

12. ECOLOGICAL INFORMATION :No ecological problems are to be expected when the product is
handled and used with due care and attention.

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 and 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 .



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Disposal in compliance with official regulations. Handle contaminated packaging as 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 : ---

R- Phrases : ---

S-phrases : ---

Water pollution class : 0 (non polluting substance)

16. OTHER INFORMATION

Reason for alteration

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.
