



# SAFETY DATA SHEET

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

Catalogue No. : A 33117  
Product Name : L-ASCORBIC ACID

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 : Vitamin C

CAS-No : 50-81-7 Ec-Index No. : ---  
Molar Mass : 176.13 EC-No. : 200-066-2  
Molecular Formula : C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>

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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 & laid down in the legislation of the country concerned is not required.

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**4. FIRST AID MEASURES** : After inhalation : fresh air.  
After skin contact : wash off with water.  
After eye contact : rinse out with water.  
After swallowing (large amounts) :  
Consult doctor if feeling unwell.

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**5. FIRE-FIGHTING MEASURES** : Suitable extinguishing media : Water, CO<sub>2</sub>, Foam, Powder

Special risks : Combustible.

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**6. ACCIDENTAL RELEASE** : Person-related precautionary measures :  
Avoid substance contact.

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

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**7. HANDLING AND STORAGE** : Handling : Protect from light.  
Storage : Tightly closed. Dry. Protected from light.  
At +15° C to +25° C. The data on storage temperature  
apply to the entire pack.

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### **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Respiratory protection : Required when dusts are  
generated.

Eye Protection : Required

Hand Protection : Not Required

Protective clothing should be selected specifically for  
the working place, depending on concentration & quantity  
of the hazardous substances handled. The resistance of  
the protective clothing to chemicals should be ascer-  
tained with the respective supplier.

Industrial hygiene :

Wash hands after working with substance.

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Further toxicological information :

Naturally occurring substance.

After eye contact : Irritant effect.

The literature and our own experience have not revealed any hazardous properties.

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### **12. ECOLOGICAL INFORMATION** : Behavior in environmental compartments :

Easily eliminable.

Ecotoxic effects : Biological effects :

Fish toxicity : L.idus LC<sub>0</sub> : 30000 mg/lt.;

L.idus LC<sub>50</sub> : 33000 mg/lt.; L.idus LC<sub>100</sub> : 35000 mg/lt.

When introduced properly, no impairments in the function of adapted biological waste-water-treatment plants are to be expected.

Further ecologic data : Degradability :

BOD<sub>5</sub> : 0.44 gm/gm; BOD 48 Prozent of ThOD/5 d.

No ecological problems are to be expected when the product is handled and used with due care & 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 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 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**

Labelling according to EC Directives

Symbol : ---

R-phrases : ---

S-phrases : ---

Water pollution class : 0 (generally nonpolluting substance)

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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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