



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : C12017
Product Name : CINNAMALDEHYDE

Manufacturer / supplier identification

Company : NICE CHEMICALS PVT.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

Synonyms : Cinnamic aldehyde; trans-3-phenyl-2-propenal
CAS-No : 104-55-2
EC –No. : 203-213-9
Molar mass : 132.16
Molecular formula : C₉H₈O

3. HAZARDS IDENTIFICATION

Harmful in contact with skin. irritating to skin. May cause sensitization by skin contact.

4. FIRST AID MEASURES

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



SAFETY DATA SHEET

Catalogue No. : C12017

Product Name : CINNAMALDEHYDE

After inhalation : fresh air.

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

After swallowing : make the victim drink plenty of water , induce vomiting.

Summon doctor.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : water, CO₂, foam, powder.

Special risks : Combustible.

6. ACCIDENTAL RELEASE MEASURES

Procedures for cleaning/absorption : take up with liquid absorbent material. Forward for disposal. Clean up affected area.

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Protected from light and air.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required filter A, for vapours of organic compounds.



SAFETY DATA SHEET

Catalogue No. : C12017

Product Name : CINNAMALDEHYDE

Eye protection : required

Hand protection : required

Industrial hygiene : Immediately change contaminated clothing. Application of skin protective barrier cream recommended .Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : oily to liquid

Colour : yellowish

Odour : characteristic

PH value : Not available

Melting temperature : -8°C

Boiling temperature : 251°C

(21 hPa): 127°C

Ignition temperature : Not available

Flash point : 138°C

Explosion limits Lower: Not available

Upper : Not available

Vapour pressure (20°C) : < 0.1 hPa

Relative vapour density : Not available

Density (20°C) : 1.05 g/cm³

Solubility in water(20°C) : 1.5 g/l

Ethanol (20C): Soluble

Ether (20°C) : Soluble



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10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available
Substance to be avoided : No information available
Hazardous decomposition products : No information available.
Further information : Light sensitive, sensitive to air

11. TOXICOLOGICAL INFORMATION:

Acute toxicity : LD₅₀ (oral,rat): 2220 mg/kg

Further toxicological information:

After inhalation : Irritations of the mucous membranes, coughing and dyspnoea

After skin contact: Irritations.

After eye contact : Irritations. When vapours aerosols are generated.

After swallowing : Irritations of mucous membranes in the mouth, pharynx, oesophagus
and gastrointestinal tract, nausea and vomiting.

Further hazardous properties cannot be excluded.

Further data: 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.

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



SAFETY DATA SHEET

Catalogue No. : C12017
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13. DISPOSAL METHOD

Product

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 that you corresponding laws and regulations. We recommend contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Packaging

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 : No subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : X_n Harmful
R-phrases : 21-38-43 Harmful in contact with skin
Irritating to skin. May cause sensitisation by skin contact.
S-phrases : 25-36/37
Avoid contact with eyes. Wear suitable protective clothing and gloves.
Water pollution class : 1 (slightly polluting substance)



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16. OTHER INFORMATION

Reason for alteration : general update

The information contained here in is based on the present state of our knowledge.

It characterizes the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.
