



MATERIAL SAFETY DATA SHEET

CINNAMIC ALDEHYDE

1. PRODUCT AND COMPANY IDENTIFICATION

Commercial Name : CINNAMIC ALDEHYDE
Supplier Name & Address : Chemtex USA Inc.
150 River Road, Suite G3B, Montville, NJ 07045-9441 USA.
Tel # 973-335-2501; Fax # 973-335-2552
Emergency Tel. Number : North America (US & Canada)
1-(800) 255-3924 (CHEMTEL INC.). (24 HOURS)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identification : 3-Phenyl-2-Propenal
CAS : 104-55-2
EINECS : 203-213-9
FEMA : 2286
CoE : 102

3. HAZARDS IDENTIFICATION

See Label / Regulatory Information.

4. FIRST-AID MEASURES

Eye Contact : Rinse immediately with plenty of water for 10 minutes at least.
Contact a physician if symptoms persist.
Skin Contact : Wash thoroughly with soap and water; flush with plenty of water.
Take off soiled clothes. Contact physician if symptoms persist.
Ingestion : Wash the mouth with water; seek medical advice immediately.
Inhalation : Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
Others : Take risk and safety phrases (section 15) into account.

5. FIRE-FIGHTING MEASURES

Extinguishing Media Recommended : CO₂, foam, dry chemicals.
Non Recommended : Do not use direct water jet on burning material.
Extinguishing Procedures : Closed containers may build up pressure at elevated temperatures.
If possible, containers should be cooled with a water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Use individual protective equipment (waterproof boots, suitable protective clothing, and safety glasses). Prevent any contact with hot surfaces. Do not approach facing the wind.
Environment Precautions : Keep away from drains, surface and groundwater and soil.
Methods for Cleaning up : Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material, or sweep up, and remove to an approved disposal container. Avoid open flames or other sources of ignition.

7. HANDLING AND STORAGE

- Precautions in Handling : Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Storage Conditions : Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Keep air contact to a minimum.
- Fire Protection : Keep away from ignition sources and naked flame.

8. EXPOSURE CONTROL

- Respiratory Protection : Avoid to breath directly on the product. Apply local ventilations when appropriate.
- Ventilation : Ensure good ventilation of the work station.
- Hand Protection : Avoid skin contact. Use chemical resistant gloves as needed.
- Eye Protection : Use safety glasses.
- Work / hygienic Practices : Wash hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Odor : Strong, Sweet, Balsamic, Cinnamon Bark
- Color : Yellow
- Appearance : Clear Mobile Liquid
- Flash Point (°C) : 71
- Boiling Point (°C) : 251 (1013mbar)
- Melting Point (°C) : -8

10. STABILITY AND REACTIVITY

- Reactivity : It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.
- Decomposition : Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

- LD 50 ORAL/RAT (mg/Kg) : 2220
- LD 50 DERMAL/RABBIT (mg/Kg) : > 1500
- Remarks : Food and Cosmetics / Chemicals Toxicology, 22:923, 1984

12. ECOLOGICAL INFORMATION

- Biodegradability : Not determined.
- Precautions : Prevent contamination of soil, ground and surface water.

13. DISPOSAL CONSIDERATIONS

In accordance with local environmental laws. Avoid disposing into drainage systems and into the environment.

14. TRANSPORT REGULATIONS

	CLASS	PACK GROUP	UN-No.
Road (ADR/RID)	NR	-	-
AIR (IATA)	NR	-	-
SEA	NR	-	-

15. REGULATORY INFORMATION

Hazards	---	---
Symbols	---	---
R. PHRASES	---	
S. PHRASES	---	

16. OTHER INFORMATION

Disclaimer:

Chemtex USA, Inc. provides the information contained herein in a good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose and take the responsibility for observing existing laws and regulations.